



U.S. Army
Environmental
Center

7337

Volume 2 of 2

FINAL

SITE CHARACTERIZATION REPORT (BUILDING 202)

WOODBIDGE RESEARCH FACILITY
VIRGINIA

Appendices A-H

April 1996

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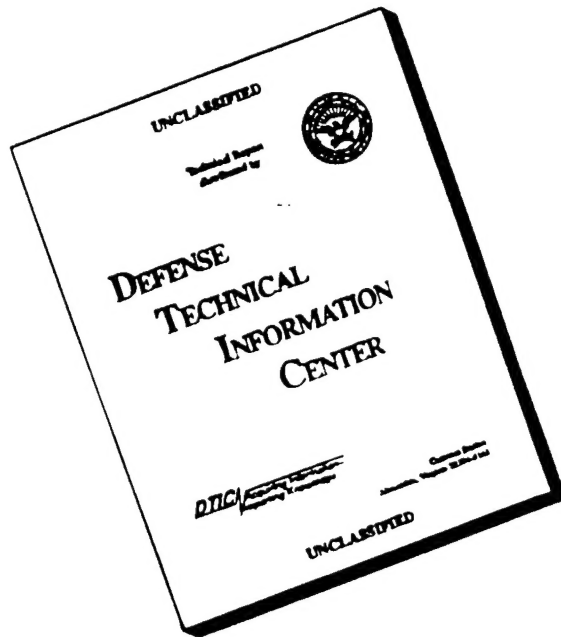
EARTH TECH, Inc.
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A P P E N D I X A

REFERENCES

APPENDIX A

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A P P E N D I X B

BOREHOLE LOGS

Sheet 1 of 1












| | | | | | |
|--|--------------------------|--------------------------------------|--------|--|----------------|
| Borehole Location: <u>A08-6</u> | | Elevation and Datum (feet): | | Land: <u>N/A</u> Top of Casing: <u>NA</u> | |
| Drilling Agency: <u>GS/</u> | Driller: <u>M. Belew</u> | Date Started: <u>3/2/95</u> | | Date Finished: <u>3/2/95</u> | |
| Drilling Equipment: <u>ACKER</u> | | Completion: Depth (feet) <u>10.0</u> | | Rock Depth: (feet) | |
| Method of Drilling: <u>HSA</u> | | Number of Samples: | Dist.: | Undist.: | Core: |
| Borehole Size (inches): <u>8.25</u> | | Water Depth (ft): | First: | Compl.: | <u>24 hrs.</u> |
| Completion Information: <u>5 ft continous sampler utilized at boreholes inside bldg 202. No blow counts obtained due to height restrictions. Borehole grouted from total depth to concrete surface on same date.</u> | | Logged By: <u>BMCG</u> | | Checked By: <u>BMCG</u> | |

| Depth (feet) | Samples | | Field Analysis | | Log | | Description | Remarks | |
|-----------------|---------|------|----------------|---------------|------------------|----------------------|---|---|---------|
| | Number | Type | Blow Count | Drilling Time | PID (ppm) S/B | USCS or Rock Type | | | Graphic |
| 1 | 1 | | N/A | 0900 | 0 | AF |  | 0 ft: CONCRETE (AF); concrete floor and pea gravel subbase. | |
| 2 | 2 | | N/A | 0910 | 3 | ML |  | 2.5 ft: SILT (ML); brown, with mica, sand, friable, loose. | |
| 5 | 3 | | N/A | 0915 | 18 | |  | 5 ft: SILT (ML); same as above with increase in mica, fine sand, and clay at 8 to 10 feet, v. moist to wet at 8 to 10 feet. | |
| 10 | | | | | | ML | | 10 ft: TD | |
| 15 | | | | | | | | | |
| 20 | | | | | | | | | |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |

BOREHOLE LOG

Project Name: *Woodbridge Research Facility Woodbridge, Virginia*Project Number: *93197603*Field Log of Borehole Number: *A08-7*Sheet *1* of *1*

| | | | |
|---|--------------------------|--|-------------------------------|
| Borehole Location: <i>A08-7</i> | | Elevation and Datum (feet): Land: <i>N/A</i> Top of Casing: <i>NA</i> | |
| Drilling Agency: <i>GSI</i> | Driller: <i>M. Belew</i> | Date Started: <i>3/1/95</i> | Date Finished: <i>3/1/95</i> |
| Drilling Equipment: <i>ACKER</i> | | Completion: Depth (feet): <i>11.0</i> | Rock Depth: (feet) |
| Method of Drilling: <i>HSA</i> | | Number of Samples: | Dist.: Undist.: Core: |
| Borehole Size (inches): <i>8.25</i> | | Water Depth (ft): <i>9.0</i> | First: Compl.: <i>24 hrs.</i> |
| Completion Information: <i>Soil borehole grouted from total depth to ground surface on same date.</i> | | Logged By: <i>BMCG</i> | Checked By: <i>BMCG</i> |

| Depth (feet) | Samples | | | Field Analysis | Log | | Description | Remarks |
|--------------|---------|------|------------|----------------|---------------|-------------------|---|---|
| | Number | Type | Blow Count | Drilling Time | PID (ppm) S/B | USCS or Rock Type | Graphic | |
| 1 | | | 6 | 0930 | 7 | AF |  | 0.00 ft: CONCRETE (AF); concrete and pea gravel fill to 1 foot bgs. |
| 2 | | | 7 | 0935 | 3 | ML-MH |  | 1.00 ft: GRAVEL-SAND-SILT (GM); brown, with mottled clayey silt matrix, sub-base fill material. |
| 3 | | | 14 | 0940 | 3 | ML-MH |  | 3.0 ft: SILT (ML-MH); brown and grey mottled clayey silt, stiff, little moisture at 3.0 to 3.3, friable, loose when broken. |
| 4 | | | 12 | 0945 | 7 | ML-MH |  | 5.0 ft: SILT (ML-MH); brown, with mica, fine sand and clay, friable, loose when broken. |
| 5 | | | 4 | 0950 | 3 | GM |  | 7.0 ft: SILT (ML-MH); same as above, with increase moisture and sand. |
| 6 | | | 6 | | | |  | 9.0 ft: GRAVEL-SAND-SILT (GM); quartz, feldspar, dolomite, few shale, with brown clayey silt matrix, saturated. |
| 7 | | | 12 | | | |  | 11.0 ft: TD |
| 8 | | | 7 | | | |  | |
| 9 | | | 8 | | | |  | |
| 10 | | | 8 | | | |  | |
| 11 | | | 11 | | | |  | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |
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| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |

BOREHOLE LOG

Project Name: Woodbridge Research Facility Woodbridge, Virginia

Project Number: 93197603

Field Log of Borehole Number: A08-8

Sheet 1 **of** 1

| | | | | | |
|--|-------------------|--|--------|-------------------------|---------|
| Borehole Location: A08-8 | | Elevation and Datum (feet): Land: N/A Top of Casing: NA | | | |
| Drilling Agency: GSI | Driller: M. Belew | Date Started: 3/1/95 | | Date Finished: 3/1/95 | |
| Drilling Equipment: ACKER | | Completion: 11.0 Depth (feet) | | Rock Depth: (feet) | |
| Method of Drilling: HSA | | Number of Samples: | Dist.: | Undist.: | Core: |
| Borehole Size (inches): 8.25 | | Water Depth (ft): 9.0 | First: | Compl.: | 24 hrs. |
| Completion Information: Soil borehole grouted from total depth to ground surface on same date. | | Logged By: BMCG | | Checked By: BMCG | |

| Depth (feet) | Samples | | | Field Analysis | Log | | Description | Remarks |
|-----------------|---------|------|------------------------|----------------|---------------|------------------|-------------|--|
| | Number | Type | Blow Count | | Drilling Time | PID (ppm) S/B | | |
| 5 | 1 | | 7 8 10 | 1017 | 3 | AF GM | | 0.00 ft: ASPHALT (AF); Asphalt and gravel sub-base. 1.0 ft: GRAVEL-SAND-SILT (GM); asphalt gravel with brown and grey mottled clayey silt matrix, asphalt odor. |
| | 2 | | 11 10 11 | 1020 | 0 | ML | | 3.0 ft: SILT (ML); brown and grey mottled silt with clay grading to a brown FE oxide stained silt with clay and few gravel. |
| | 3 | | 11 14 14 | 1025 | 2 | ML | | 5.0 ft: SILT (ML); brown, with fine sand, mica, and clay, friable, a 2-inch grey v. moist seam at 6.0 feet bgs. |
| | 4 | | 12 11 18 | 1030 | 2 | ML | | 7.0 ft: SILT (ML); brown, micaceous with fine sand and clay, moist to v. moist. |
| | 5 | | 5 9 11 | 1035 | 0 | GM | | 9.0 ft: GRAVEL-SAND-SILT (GM); quartz, feldspar, dolomite, few shale with brown clayey silt matrix, saturated. |
| 10 | | | 14 5 7 9 7 | | | | | 11.0 ft: TD |

BOREHOLE LOG

Project Name: Woodbridge Research Facility Woodbridge, VirginiaProject Number: 93197603 Field Log of Borehole Number: A08-9 Sheet 1 of 1

| | | | |
|--|--------------------------|--|-------------------------------------|
| Borehole Location: <u>A08-9</u> | | Elevation and Datum (feet): <u>Land: N/A</u> <u>Top of Casing: NA</u> | |
| Drilling Agency: <u>GSI</u> | Driller: <u>M. Belew</u> | Date Started: <u>3/1/95</u> | Date Finished: <u>3/1/95</u> |
| Drilling Equipment: <u>ACKER</u> | | Completion: <u>10.0</u> Depth (feet) | Rock Depth: (feet) |
| Method of Drilling: <u>HSA</u> | | Number of Samples: | Dist.: Undist.: Core: |
| Borehole Size (inches): <u>8.25</u> | | Water Depth (ft): <u>7.7</u> | First: Compl.: <u>24 hrs.</u> |
| Completion Information: <u>Borehole grouted from total depth to ground surface on same date.</u> | | Logged By: <u>BMCG</u> | Checked By: <u>BMCG</u> |

| Depth (feet) | Samples | | | Field Analysis | Log | | Description | Remarks |
|-----------------|---------|------|------------|----------------|------------------|----------------------|-------------|--|
| | Number | Type | Blow Count | Drilling Time | PID (ppm) S/B | USCS or Rock Type | Graphic | |
| 1 | 1 | | 2 | 1100 | 0 | ML | | 0.00 ft: SILT (ML); brown, with organic topsoil, fine sand, mica, and trace clay, few gravel, friable, little moisture, no odor. |
| 2 | 2 | | 7 | 1105 | 0 | ML | | 2.00 ft: SILT (ML); same as above. |
| 3 | 3 | | 8 | 1110 | 1 | ML | | 4.0 ft: SILT (ML); same as above, little FE oxide staining. |
| 4 | 4 | | 12 | 1115 | 0 | ML | | 6.0 ft: SILTY SAND (ML-SM); silt as above grading to saturated silty sand at 7.7 feet bgs, coarse grained. |
| 5 | 5 | | 7 | 1120 | 30 | SM | | 8.0 ft: SILTY SAND (SM-GM); brown coarse grained silty sand, petroleum stained with oily sheen and heavy odor at 8.0 to 8.6 feet bgs, grading to gravel-sand silt at 9.5 feet bgs. |
| 10 | | | | | | GM | | 10.0 ft: TD |
| 15 | | | | | | | | |
| 20 | | | | | | | | |
| 25 | | | | | | | | |
| 30 | | | | | | | | |

Borehole Log

| | | | | | | | | | |
|---|--|--|--|--|---------------------------------------|--|--|-------------------------------------|--|
| Project Name: <u>SI/RI WOODBURY RESEARCH FACILITY</u> | | | | | Project Number: <u>931976-c3</u> | | | | |
| Borehole Location: <u>~ 10 FT NORTH OF BUILDING 202</u> <u>~ 50 FT EAST OF WEST SIDE OF ROAD 202</u> | | | | | Borehole No. <u>A23-1</u> | | | Sheet 1 of 1 | |
| Drilling Agency: <u>HARDEN HUBER INC.</u> | | | | | Driller: <u>TERRY</u> | | | | |
| Drilling Equipment: <u>TRUCK-MOUNTED MOBILE B-61</u> | | | | | Date Started: <u>4/18/94</u> | | | Total Depth (feet): <u>10'</u> | |
| Drilling Method: <u>5 1/2" ϕ HSA</u> | | | | | Date Finished: <u>4/18/94</u> | | | Depth to Bedrock (feet): <u>N/A</u> | |
| Drilling Fluid: <u>NONE</u> | | | | | Number of Samples: <u>4</u> | | | Depth to Water (feet): <u>NA</u> | |
| Completion Information: <u>DREWED 5 1/2" HSA TO 10' BGS. GROUTED ENTIRE LENGTH OF BOREHOLE</u> | | | | | Borehole Diameter (in): <u>5 1/2"</u> | | | Elevation and Datum: | |
| | | | | | Logged by: <u>KTM/CL</u> | | | Checked by: <u>KMS</u> | |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|---------------------|----------|------|-------------|-----|--|--|
| | Number | Interval | Blow Count | Recovery | Time | | | | |
| 1 | | | | | | | | Asphalt to 6" | BOREHOLE THROUGH PAVEMENT. NO SAMPLE COLLECTED FROM 0'-2' BGS |
| 2 | | | | | | | | TO 2.2' BGS, COARSE SAND AND GRAVEL FOR PAVEMENT FILL. | |
| 3 | 1 | 2'-4' | 3 2 | 1.4' | 1415 | 22.2 | | 10YR 5/1, SILT, ORGANIC ODR, AND FINE SAND | POSSIBLY BACKFILL TO 3.8' BGS. |
| 4 | | | 5 | | | 0.1 | | | |
| 5 | 2 | 4'-6' | 6 15 20 22 | | 1420 | 15.8 0.2 | ML | SILT AND FINE SAND WITH SOME CLAY, 5YR 5/3, MOIST | ORGANIC ODR AROUND |
| 6 | | | | | | | | | DRILLERS HALTED AT 1425. |
| 7 | 3 | 6'-8' | 5 7 9 | 2.0' | 1430 | 3.6 0.3 | | SAME AS ABOVE | DRILLERS RESUME @ 1430 |
| 8 | | | 10 | | | | | | ORGANIC, OARY BUT MUSTY BOUQUET |
| 9 | 4 | 8'-10' | 6 8 9 12 | 2.0' | 1435 | 0.8 0.2 | | SAME AS ABOVE | MOTTLED COLORS IN 8'-10' INTERVAL |
| 10 | | | | | | | | | SAMPLE 23BH0102 COLLECTED @ 1420 FOR CHEMICAL ANALYSES @ 4'-6' INTERVAL |
| | | | | | | | | | SAMPLE 23BH0104 COLLECTED @ 1435 FOR CHEMICAL ANALYSES @ 8'-10' INTERVAL |
| 15 | | | | | | | | | |

B.O.H 10'

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone;
BG = Background; BH = Borehole Headspace

Borehole Log

| | | | | | | | | | |
|--|--|--|--|--|---------------------------------------|--|--|-------------------------------------|--|
| Project Name: <u>SE/RE WOODBRIDGE RESEARCH FACILITY</u> | | | | | Project Number: <u>931976-03</u> | | | | |
| Borehole Location: <u>218 FT NORTH OF BUILDING 202</u> <u>240 FT EAST OF WEST SIDE OF BOX 707</u> | | | | | Borehole No. <u>A23-Z</u> | | | Sheet 1 of 1 | |
| Drilling Agency: <u>HARDEN HUBER, INC.</u> | | | | | Driller: <u>TERRY</u> | | | | |
| Drilling Equipment: <u>TRUCK MOUNTED MOBILE B-6</u> | | | | | Date Started: <u>4/18/94</u> | | | Total Depth (feet): <u>10'</u> | |
| Drilling Method: <u>5 1/2" HSA</u> | | | | | Date Finished: <u>4/18/94</u> | | | Depth to Bedrock (feet): <u>N/A</u> | |
| Drilling Fluid: <u>NONE</u> | | | | | Number of Samples: <u>4</u> | | | Depth to Water (feet): <u>N/A</u> | |
| Completion Information: <u>DREALED 5 1/2" HSA TO 10' BGS. GRATED ENTIRE LENGTH OF BORE HOLE</u> | | | | | Borehole Diameter (in): <u>5 1/2"</u> | | | Elevation and Datum: | |
| | | | | | Logged by: <u>KTM/CL</u> | | | Checked by: <u>KMS</u> | |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|----------|-----|------------------------|--|
| | Number | Interval | Blow Count | Recovery | Time | | | | |
| 1 | | | | | | | | Asphalt to 6" | BOREHOLE THROUGH PAVEMENT. NO SAMPLE COLLECTED FROM 0'-2' BGS |
| 2 | | | 3 | | | | | ML | |
| 3 | 1 | 2-4 | 4 | 1.8' | 1555 | 13.8 | 1.0 | ML | SILT TO FINE SAND, TRACE CLAY, 5YR 5/4 |
| 4 | | | 6 | | | 3.3 | 1.1 | ML | SILT AND FINE SAND WITH SOME CLAY |
| 5 | 2 | 4-6 | 12 | 2.0' | 1600 | 1.1 | 1.1 | ML | FILL MATERIAL TO 4.5' BGS SAMPLE 23BH0202 COLLECTED FOR CHEMICAL ANALYSES @ 1600 (4'-6' INTERVAL) DRILLERS HALTED @ 1605 DRILLERS RESUME @ 1610 |
| 6 | | | 21 | | | | | | |
| 7 | 3 | 6-8 | 5 | 1.8' | 1605 | 1.4 | 1.1 | ML | SAME AS ABOVE WITH MOTTLED COLOR. |
| 8 | | | 9 | | | | | | |
| 9 | 4 | 8-10 | 6 | 2.0' | 165 | 1.4 | 1.0 | ML | SAME AS ABOVE |
| 10 | | | 14 | | | | | SM | GRADATIONAL CHANGE OCCURRING BETWEEN 9' & 10' BGS SAMPLE 23BH0204 COLLECTED FOR CHEMICAL ANALYSES @ 1615 (8'-10' INTERVAL) |
| 15 | | | 18 | | | | | | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone;
BG = Background; BH = Borehole Headspace

Borehole Log

| | | | |
|--|--|---------------------------------------|-------------------------------------|
| Project Name: <u>SE/RI WOODBRIDGE RESEARCH FACILITY</u> | | Project Number: <u>931976-03</u> | |
| Borehole Location: <u>≈ 10 FT EAST OF BGS 202</u> <u>≈ 40 FT NORTH OF DAWSON BENCH RD.</u> | | Borehole No. <u>A08-1</u> | Sheet 1 of 1 |
| Drilling Agency: <u>HARDIN HUBER INC.</u> | | Driller: <u>TERRY</u> | |
| Drilling Equipment: <u>TRUCK-MOUNTED MOBILE B-61</u> | | Date Started: <u>4/18/94</u> | Total Depth (feet): <u>10'</u> |
| Drilling Method: <u>5 1/2" φ H.S.A.</u> | | Date Finished: <u>4/18/94</u> | Depth to Bedrock (feet): <u>N/A</u> |
| Drilling Fluid <u>NONE</u> | | Number of Samples: <u>5</u> | Depth to Water (feet): <u>9.4'</u> |
| Completion Information: <u>DRIILLED 5 1/2" φ HSA TO 10' BGS. GROUTED ENTIRE LENGTH OF BOREHOLE</u> | | Borehole Diameter (in): <u>5 1/2"</u> | Elevation and Datum: |
| | | Logged by: <u>KRM/CL</u> | Checked by: <u>KMS</u> |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|----------|-----|--|---|
| | Number | Interval | Blow Count | Recovery | Time | | | | |
| 1 | 1 | 0'-2' | 24 | 100% | 1115 | 0.0 | | TOPSOIL TO 1' | PID = 1.9 ppm |
| 2 | | | 45 | | | 0.0 | | FILL TOPSOIL/FILL MATERIAL TO 3.4' BGS | ROOTS THROUGHOUT INTERVALS TO 6' BGS |
| 3 | 2 | 2'-4' | 64 | 100% | 1120 | 1.5 | | | PID = 4.8 |
| 4 | | | 4 | | | 0.0 | | | |
| 5 | 3 | 4'-6' | 44 | 20' | 1123 | 0.7 | | SILTY FINE SAND BEGINNING AROUND 3.4' BGS. 5YR 5/4 | DREINERS HALTED BY TELL C 1130 |
| 6 | | | 7 | | | 0.0 | | | SAMPLE 08BHO103 COLLECTED FOR CHEMICAL ANALYSES AT 1123 (4'-6' INTERVAL) |
| 7 | 4 | 6'-8' | 57 | 20' | 1135 | 0.0 | | SAME AS ABOVE | DREINERS REBUILT @ 1135 |
| 8 | | | 10 | | | 0.0 | | | PID = 1.2 ppm |
| 9 | 5 | 8'-10' | 56 | 20' | 1140 | 0.8 | | SAME AS ABOVE TO 9.4' BGS | ROOTS STILL OCCURRING TO 7.0' BGS. |
| 10 | | | 14 | | | 0.0 | | | NO REAL SHOW OF MOISTURE @ 6'-8' INTERVAL |
| 15 | | | | | | | | SM SATURATED MEDIUM SAND WITH SOME SILT | PID = 1.6 ppm |
| | | | | | | | | 10' B.O.H. | ML NO READING FROM PID, (IN 8'-10' DR) |
| | | | | | | | | | SM MAX. OF 0.8 ON PID. |
| | | | | | | | | | 1140 - DREINERS GROUTING BOREHOLE |
| | | | | | | | | | SAMPLE 08BHO105 COLLECTED FOR CHEMICAL ANALYSES AT 1140 (8'-10' INTERVAL) |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone; BG = Background; BH = Borehole Headspace

Borehole Log

| | | | |
|--|--|---------------------------------------|-------------------------------------|
| Project Name: SE/RI WOODBRIDGE RESEARCH FACILITY | | Project Number: 931976-03 | |
| Borehole Location: ~ 70' FT EAST OF BLDG 202 ~ 175' FT NORTH OF BLDG 202 | | Borehole No. A08-3 | Sheet 1 of 1 |
| Drilling Agency: HAROLD HUBER INC | | Driller: TERRY | |
| Drilling Equipment: TRUCK-MOUNTED MOBILE BGM | | Date Started: 4/18/94 | Total Depth (feet): 10' |
| Drilling Method: 5 1/2" HSA | | Date Finished: 4/18/94 | Depth to Bedrock (feet): N/A |
| Drilling Fluid NONE | | Number of Samples: 5 | Depth to Water (feet): 7.0' |
| Completion Information: DRIILLED 5 1/2" HSA TO 10' BGS. GROUTED ENTIRE LENGTH OF BOREHOLE | | Borehole Diameter (in): 5 1/2" | Elevation and Datum: |
| | | Logged by: KTM/CL | Checked by: KMS |

| Depth (feet) | Sample | | | | | Analysis PID or FID (ppm) S/B | LOG USCS or Rock Type | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|-------------------------------------|--------------------------|--|--|
| | Number | Interval | Blow Count | Recovery | Time | | | | |
| 1 | 1 | 0-2 | 2 | 1.4 | 1315 | 0.3 | CL | 3" TOPSOIL CLAY WITH SOME SILT | 0'-2' INTERVAL LAST 6" INCREASE MOISTURE |
| 2 | | | 3 | | | 0.0 | | | |
| 3 | 2 | 2-4 | 4 | 2.0 | 1318 | 1.1 | ML | | |
| 4 | | | 7 | | | 0.0 | | | |
| 5 | 3 | 4-6 | 4 | 1.8 | 1320 | 0.6 | | SAME AS ABOVE WITH INCREASED SILT CONTENT AND TRACE FINE SAND | SAMPLE 08BHO COLLECTED @ 13 (4'-6' INTERVAL FOR CHEMICAL ANALYSES |
| 6 | | | 6 | | | 0.0 | | | |
| 7 | 4 | 6-8 | 5 | 1.4 | 1330 | 0.8 | SM | FINE SAND AND SILT, 10R5/1 | GREY COLOR W/ SOME PETROLEUM ODOR. AT 6.2' DRELLERS HATE @ 1330 |
| 8 | | | 7 | | | 0.0 | SM | SATURATED MEDIUM SAND WITH SOME SILT | |
| 9 | 5 | 8-10 | 7 | 2.0 | 1340 | 0.3 | | SILTY FINE SAND WITH SOME CLAY | DRELLERS RES @ 1335 |
| 10 | | | 16 | | | 0.0 | | SATURATED MEDIUM SAND | |
| | | | | | | | | SATURATED COARSE SAND, ANGULAR TO SUBANGULAR, APPEARS TO BE IRON RICH. | SAMPLE 08BHO AND REPLICATE SAMPLE 08BHO COLLECTED @ 1 (8'-10' INTERVAL FOR CHEMICAL ANALYSES |

B.O.H 10'

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone;
BG = Background; BH = Borehole Headspace

Borehole Log

| | | | |
|--|--|-------------------------------------|-------------------------------------|
| Project Name: woodbridge SI/RI | | Project Number: 931976-03 | |
| Borehole Location: 15' North of Locust Rd 35' East of Bldg 202 | | Borehole No. A08-4 | Sheet 1 of 1 |
| Drilling Agency: TETC | | Driller: Kevin McCreaor | |
| Drilling Equipment: Hard Auger (3"Ø) | | Date Started: 4/21/94 | Total Depth (feet): 5.0' |
| Drilling Method: Hand Augering | | Date Finished: 4/21/94 | Depth to Bedrock (feet): N/A |
| Drilling Fluid: None | | Number of Samples: | Depth to Water (feet): 2.1' |
| Completion Information: Borehole hand Augered to 5.0' & back filled with cuttings | | Borehole Diameter (in): 3.0" | Elevation and Datum: |
| | | Logged by: SM5 | Checked by: |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|----------------------|-----|---|--|
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B | | | |
| 1 | | | | | 115 | 0.1% | M.H | 1" Topsoil saturated silt with some fine sand and clay S YR 5/4 | Background PID=0 |
| 2 | | | | | | | | | |
| 3 | | | | | 115 | 0.2% | | Same as above | |
| 4 | | | | | | | | | Sample 088H0402 taken 15 analyses at 115 |
| 5 | | | | | 1200 | 0.2% | SM | fine to medium grained sand saturated | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | Hole keeps collapsing in at 5 ft |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 15 | | | | | | | | | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone; BG = Background; BH = Borehole Headspace

Borehole Log

| | | | |
|--|--|--|-------------------------------------|
| Project Name: SI/RT WOODBRIDGE RESEARCH FACILITY | | Project Number: 931976-03 | |
| Borehole Location: MW-3 (231 FT ESE of 302) | | Borehole No. BH31 | Sheet 1 of 1 |
| Drilling Agency: HARDIN-HUBER INC | | Driller: TERRY | |
| Drilling Equipment: TRUCK-MOUNTED MOBILE B-61 | | Date Started: 4/12/94 | Total Depth (feet): 15 FT |
| Drilling Method: Hollow Stem Auger 8" REM | | Date Finished: 4/12/94 | Depth to Bedrock (feet): N/A |
| Drilling Fluid: NONE | | Number of Samples: 6 | Depth to Water (feet): 6.25' |
| Completion Information: DRILLED 8" Ø HSA TO 15' FT. 4" Ø PVC MWEIL INSTALLED, SCREENED FROM 5' TO 15' BGS | | Borehole Diameter (in): 5 1/2" SURFACE SAMPLING | Elevation and Datum: |
| | | Logged by: KTM/CL | Checked by: KMS |

| Depth (feet) | Sample | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|----------|----------------------|---|--|
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B | | |
| 0 | | | | | | | TOPSOIL TO 3' | |
| 1 | 1 | 0-3 | 5 | 1.1' | 0.7 | 2.3 | ML 5YR 5/4, STIFF SILT SOME FINE SAND | |
| 2 | 2 | 2-4 | 4 | 1.5' | 0.8 | 3.0 | CL 4/12 5YR 5/4 Highly plastic clay, clay with some fine silt | more moisture at 3.0' |
| 3 | 3 | 4-6 | 4 | 1.4' | 0.9 | 1.5 | CH some as above | |
| 4 | | | 4 | | | 2.0 | | 1000 - TEL TOLD DRILLERS TO HALT mottled color at 5' |
| 5 | 4 | 6-8 | 6 | 1.6' | 1.0 | 2.0 | SAME AS ABOVE | 1110 Drillers resume |
| 6 | | | 10 | | | 1.6 | | |
| 7 | 5 | 8-10 | 8 | 1.3' | 0.8 | 1.6 | SAME AS ABOVE | 1120 DRILLERS HALTED BY TEL |
| 8 | | | 4 | | | 0.8 | SM 5YR 5/4, LOOSE MEDIUM DENSE SAND WITH SOME SILT | PID = 1.8 ppm |
| 9 | 6 | 10-12 | 5 | 1.5' | 1.3 | 1.3 | CL 4/12 5YR 5/4, MEDIUM TO COARSE SAND, SATURATED | 1130 DRILLERS RESUME |
| 10 | | | 4 | | | 1.0 | | SAMPLE COLLECTED 08BH3105 |
| 11 | | | | | | | | 8'-10' FOR LAB. ANALYSES. |
| 12 | | | | | | | | 1135 DRILLERS HALTED BY TEL |
| 13 | | | | | | | | FIRST WATER 6.25' B. |
| 14 | | | | | | | | |
| 15 | | | | | | | | |

0.711
DRY
↓
MOIST
↓
SATURATED
100%

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone; RESAMPLED 08BH310
BG = Background; BH = Borehole Headspace COLLECTED FROM 8'-10' INTERVAL FOR LAB ANALYSES
BLOW COUNTS RECOVERY = 2' PID: BACKGROUND = 0.4 ppm
WICH = 0.5 ppm ANALYSES 0.110

Borehole Log

| | | | |
|--|--|---|--------------------------------------|
| Project Name: SI/RI WOODBRIDGE RESEARCH FACILITY | | Project Number: 931976-03 | |
| Borehole Location: ± 15 FT EAST OF B.O.G. 202 ± 70 FT NORTH OF DAWSON BOX (R.) | | Borehole No. MW325 | Sheet 1 of 1 |
| Drilling Agency: HARDEN HUBER INC. | | Driller: TERRY | |
| Drilling Equipment: TRUCK-MOUNTED MOBILE B-61 | | Date Started: 4/15/94 | Total Depth (feet): 15' |
| Drilling Method: 5 1/2" Ø HSA DURING SAMPLING 8" Ø HSA DURING REAMING | | Date Finished: 4/15/94 | Depth to Bedrock (feet): N/A |
| Drilling Fluid: NONE | | Number of Samples: 1 | Depth to Water (feet): ≈ 7.0' |
| Completion Information: Drilled 8" Ø HSA to 15 ft 4" Ø PVC MWELL Installed, Screened from | | Borehole 5 1/2" SAMPLING Diameter (in): 8" REAMING | Elevation and Datum: |
| | | Logged by: KTM/CL | Checked by: KMS |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|----------------------|-------------------|--|---------------------------------------|
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B | USCS or Rock Type | | |
| 1 | | | | | | | | 1" Topsoil | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | CL 5 YR 5/3, CLAY WITH TRACE SILT AND FINE SAND, MOIST | CLAY IS MOTTLED |
| 10 | | | | | | | | SM 5 YR 5/3, MEDIUM TO FINE SAND WITH SOME SILT, SATURATED | FIRST WATER ≈ 7.0' BGS PETROLEUM ODOR |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | 8" Ø HSA ADVANCED TO 15' | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | 15' B.O.H. | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone;
BG = Background; BH = Borehole Headspace

Borehole Log

| | | | |
|---|--|---|-------------------------------------|
| Project Name: SI/RI WINDBRIDGE RESEARCH FACILITY | | Project Number: 931976-03 | |
| Borehole Location: MW32 ≈ 23 FT EAST OF BLDG 202 ≈ 10 FT WEST OF BLDG 203 | | Borehole No. BH 32D | Sheet 1 of 2 |
| Drilling Agency: HARDEN HUBER INC. | | Driller: CL 4/13/94 TERRY | |
| Drilling Equipment: TRUCK-MOUNTED MOBILE B-61 | | Date Started: 4/14/94 | Total Depth (feet): 27' |
| Drilling Method: 8" Ø H.S.A | | Date Finished: 4/14/94 | Depth to Bedrock (feet): N/A |
| Drilling Fluid: NONE | | Number of Samples: 10 | Depth to Water (feet): 10.0' |
| Completion Information: Drilled 8" Ø HSA to 27' 4" PVC MON. WELL INSTALLED, SCREENED FROM 17' to 27' | | Borehole S/S Sampling Diameter (in): 8" RECORDING | Elevation and Datum: |
| | | Logged by: KMS/CL | Checked by: |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|----------------------|------|---|--|
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B | | | |
| 1 | 1 | 0'-2' | 2 | 0.6' | 1107 | 0.3/0 | ML | 1" topsoil SYR S/S, silt and fine sand with some clay, moist | |
| 2 | | | 3 | | | | | Artificial fill | |
| 3 | 2 | 2'-4' | 4 | 1.2' | 1110 | 0.3/0.1 | | | |
| 4 | | | 5 | | | | | | |
| 5 | 3 | 4'-6' | 2 | 0.3' | 1115 | 0.1/0.1 | | Artificial fill | |
| 6 | | | 3 | | | | Fill | | |
| 7 | 4 | 6'-8' | 2 | 1.7' | 1120 | 13/0.1 | | SAME AS ABOVE | 6'-8' sample 08BH3201 Collected for lab analyses 6-8' slight petroleum odor |
| 8 | | | 4 | | | | | | 3" split spoon used for sampling |
| 9 | 5 | 8'-10' | 5 | 1.1' | 1130 | 32/0.5 | | SAME AS ABOVE | slight petroleum odor from brick in drive shoe |
| 10 | | | 6 | | | | | | |
| 11 | 6 | 10'-12' | 1 | 1.8' | 1132 | 23/0.6 | SM | medium sand with some silt, saturated | 10'-12' sample 08BH3206 collected for lab analyses slight petroleum odor from 10'-12' |
| 12 | | | 2 | | | | | | |
| 13 | 7 | 12'-13' | 3 | 1.0' | 1255 | 125/0.7 | | Artificial fill | 1135 Drillers stop 1250 Drillers resume |
| 14 | | | 4 | | | | Fill | | 13.5' to 15' concrete, for HEAVY PETROLEUM ODOR AT 12'-13' |
| 15 | | | | | | | | | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone;
BG = Background; BH = Borehole Headspace

INTERVAL

Borehole Log

(Continuation Sheet)

| | | |
|--|----------------------------------|--------------------------|
| Project Name: WOODBRIDGE | Project Number: 931976-03 | Sheet 2 of 2 |
| SI/RI: RESEARCH FACILITY | | Logged by: KMS/CL |
| Borehole Location: 23 FT East of Bldg 222 | Borehole Number: BH 32 D | Date: 4-19-94 |
| MW 32 | ft West of Bldg 203 | |

| | Sample | | | | Analysis | LOG | Lithologic Description | Remarks |
|----|--------|----------|------------|----------|----------|----------------------|------------------------|----------------------------------|
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B | USCS or Rock Type | |
| 15 | | | 7 | | | | | KMS 4/14/94 |
| 16 | 8 | 15'-17' | 4 | 1.5' | 1305 | 0.8 / 0.5 | MH | 15.0' - 15.5' concrete |
| 17 | | | 3 | | | | CH | 15.5' silt |
| 18 | | | 2 | | | | | 1310 Drillers halt by TETC |
| 19 | | | | | | | | |
| 20 | | | 3 | | | | | |
| 21 | 9 | 20'-22' | 2 | 2.0' | 1115 | 1.3 / 0.7 | MH | 1410 Drillers Resume |
| 22 | | | 4 | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | 4 | | | | | |
| 26 | 10 | 25'-27' | 3 | 2.1' | 1425 | 1.2 / 1.0 | MH | same as above |
| 27 | | | 4 | | | | PT | SYR 3/2, SILT, SATURATED |
| 28 | | | | | | | | medium grained sand w/ some silt |
| 29 | | | | | | | | SYR 2.5/1 |
| 30 | | | | | | | | 26.5' - 27' Highly organic |
| 31 | | | | | | | | |
| 32 | | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone;
BG = Background; BH = Borehole Headspace

Borehole Log

| | | | |
|---|--|---|-------------------------------------|
| Project Name: SE/RI WOODBRIDGE RESEARCH FACILITY | | Project Number: 931976-03 | |
| Borehole Location: ± 15 FT EAST OF BLDG 212 MW 33 ± 60 FT NORTH OF BLDG 202 | | Borehole No. BH 33 | Sheet 1 of 1 |
| Drilling Agency: HARDIN HUBER INC. | | Driller: TERRY | |
| Drilling Equipment: TRUCK-MOUNTED MOBILE B-61 | | Date Started: 4/14/94 | Total Depth (feet): 15.5' |
| Drilling Method: 5 1/2" HSA DURING SAMPLING 8" HSA DURING REAMING | | Date Finished: 4/14/94 | Depth to Bedrock (feet): N/A |
| Drilling Fluid: NONE | | Number of Samples: 5 | Depth to Water (feet): 6.7' |
| Completion Information: DREADED 8" HSA TO 15.5'. 4" PVC MON. WELL INSTALLED, SCREENED FROM 5.5' TO 15.5' BGS | | Borehole 5 1/2" SAMPLING Diameter (in): 8" REAMING | Elevation and Datum: |
| | | Logged by: KMS/CL | Checked by: |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|----------------------|-----|---|--|
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B | | | |
| 1 | 1 | 0'-2' | 3/4 | 1.4' | 0825 | 2.5 | ML | 2" TOPSOIL SILT AND FINE SAND WITH SOME CLAY, 5YR 5/3, MOIST | PID BACKGROUND 2.3 PPM |
| 2 | | | 3/3 | | | 2.3 | | | |
| 3 | 2 | 2'-4' | 3/4 | 1.6' | 0835 | 2.2 | CL | 5YR 5/3, CLAY WITH TRACE SILT AND FINE SAND, MOIST | |
| 4 | | | 7 | | | 2.2 | | | |
| 5 | 3 | 4'-6' | 3/6 | 1.7' | 0840 | 3.8 | | CLAY WITH TRACE SILT, MOIST, 5YR 5/2 | MOIST CLAY, LESS TO NO SAND |
| 6 | | | 13 | | | 1.9 | | | |
| 7 | 4 | 6'-8' | 3/5 | 1.8' | 0830 | 1.7 | | CLAY | MORE FINE SAND |
| 8 | | | 8 | | | 1.4 | | | |
| 9 | 5 | 8'-10' | 1/6 | 1.6' | 0845 | 1.3 | | SAME AS ABOVE TO 8.5' BGS FINE SAND WITH SOME SILT | 3" SPLIT SPAN USED FOR SAMPLING INTERVAL |
| 10 | | | 15 | | | 1.2 | SM | CLAY MEDIUM SAND WITH SOME SILT, SATURATED | 8'-10' SAMPLE OB BH 3305 COLLECTED IN |
| 11 | 6 | | | | | | | | 8'-10' INTERVAL FOR LAB ANALYSIS |
| 12 | | | | | | | | 8" HSA ADVANCED TO 15.5' | DRILLERS HALTED BY TETZ AT 0835 |
| 13 | 7 | | | | | | | | |
| 14 | | | | | | | | 15.5' B.O.H. | FIRST WATER AT 6.7' BGS |
| 15 | | | | | | | | | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone; DRILLERS RESUME
BG = Background; BH = Borehole Headspace C 0935

Borehole Log

| | | | |
|---|--|---|-------------------------------------|
| Project Name: <u>SI/RI @ WOODBRIDGE RESEARCH FACILITY</u> | | Project Number: <u>931976-03</u> | |
| Borehole Location: <u>86 FT WEST OF 203</u> <u>MW 34 ~ 95 FT EAST OF 212</u> | | Borehole No. <u>BH 34</u> | Sheet <u>1</u> of <u>1</u> |
| Drilling Agency: <u>HARDIN HUBER INC</u> | | Driller: <u>TERRY</u> | |
| Drilling Equipment: <u>TRUCK-MOUNTED MOBILE B-61</u> | | Date Started: <u>4/12/94</u> | Total Depth (feet): <u>13.5'</u> |
| Drilling Method: <u>5 1/2" ϕ H.S.A. DURING SAMPLING</u> <u>8" ϕ H.S.A. DURING REAMING</u> | | Date Finished: <u>4/12/94</u> | Depth to Bedrock (feet): <u>N/A</u> |
| Drilling Fluid: <u>- NONE</u> | | Number of Samples: <u>6</u> | Depth to Water (feet): <u>4.5'</u> |
| Completion Information: <u>DREADED 8" ϕ HSA TO 13.5'</u> <u>4" ϕ PVC MUD. WELL INSTALLED, SCREENED FROM 3.5' TO 13.5' BGS.</u> | | Borehole <u>5 1/2" SAMPLING</u> Diameter (in): <u>8" REAMING</u> | Elevation and Datum: |
| | | Logged by: <u>Kms/CL</u> | Checked by: |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|----------------------|---------|---|--|
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B | | | |
| 1 | 1 | 0-2' | 25 | 1.5' | 1430 | 0.8 | CL 4/12 | 2" TOP SOIL | |
| 2 | | | 7 | | | 0.4 | | 54R 5/4, STIFF CLAY WITH SOME SILT | |
| 4 | 2 | 2-4' | 45 | 1.8' | 1435 | 0.8 | CL | SAME AS ABOVE | |
| | | | 7 | | | 0.6 | | | |
| 5 | 3 | 4-6' | 58 | 1.6' | 1440 | 0.8 | | SAME AS ABOVE | |
| | | | 10 | | | 0.6 | | | |
| 6 | | | 12 | | | 0.6 | | SAME AS ABOVE | |
| 8 | 4 | 6-8' | 23 | 1.3' | 1445 | 0.8 | | SAND, LOOSE | INCREASED MOISTURE AT 7.5' BGS |
| | | | 6 | | | 0.6 | | | |
| 10 | 5 | 8-10' | 23 | 1.3' | 1450 | 1.0 | SM | SILTY SAND, FINE GRAINED, LOOSE | SAMPLES COLLECTED FOR CHEMICAL ANALYSES 08BH3405 PID=1.8 |
| | | | 6 | | | 0.7 | | MEDIUM SAND, LOOSE | |
| 12 | 6 | 10-12' | 24 | 1.3' | 1500 | 1.0 | | FINE SAND, MEDIUM DENSE WITH SOME SILT. | SATURATED SAND |
| | | | 8 | | | 0.8 | | | DRILLERS HALTED BY TELL @ 1500 |
| 14 | 7 | | 9 | | | | | 8" ϕ HSA ADVANCED TO 13.5' | FIRST WATER @ 4.5' BGS |
| | | | | | | | | 13.5' B.O.H | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone; BG = Background; BH = Borehole Headspace

BLWD COUNTS SATURATED RECOVERY=1.8' PID: BACKGROUND = 0.0 ppm METH = 0.2 ppm

RESAMPLED 08BH3405 COLLECTED FROM 8'-10' INTERVAL FOR LAB

BOREHOLE LOG





Project Name: *Woodbridge Research Facility Woodbridge, Virginia*

Project Number: 93197603

Field Log of Borehole Number: MW36

Sheet 1 of 1

| | | | | | |
|---|-------------------|----------------------------------|-----------------------|----------------------------------|---------|
| Borehole Location: MW-36 | | Elevation and Datum (feet): | | Land: 13.95 Top of Casing: NA | |
| Drilling Agency: GSI | Driller: M. Belew | Date Started: 3/1/95 | Date Finished: 3/1/95 | | |
| Drilling Equipment: ACKER | | Completion: Depth (feet) 15.0 | Rock Depth: (feet) | | |
| Method of Drilling: 8.25 | | Number of Samples: | Dist.: | Undist.: | Core: |
| Borehole Size (inches): HSA | | Water Depth (ft): 9.0 | First: | Compl.: | 24 hrs. |
| Completion Information: MW36 completed as 2-inch diameter monitoring well, see completion diagram for construction specifications. Split Spoon blow counts not obtained due to height restrictions inside Bldg. 202 | | Logged By: BMCG | | Checked By: BMCG | |

| Depth (feet) | Samples | | | Field Analysis PID (ppm) S/B | Log | | Description | Remarks |
|-----------------|---------|------|-----------------------------|------------------------------------|----------------------|---|--|---------|
| | Number | Type | Blow Count Drilling Time | | USCS or Rock Type | Graphic | | |
| 0 | 1 | | 1400 | 0 | AF |  | 0 ft: CONCRETE (AF); concrete and gravel subbase to depth of 2.5 ft. | |
| 2.5 | 2 | | 1405 | 14 | ML |  | 2.5 ft: SILT (ML); light brown, micaceous with sand and gravel, manganese nodules, slightly stiff, friable, loose when broken. | |
| 5 | 3 | | 1410 | 15 | |  | 5 ft: SILT (ML); as above with increase mica, fine sand, mica near 10 ft. | |
| 10 | 4 | | 1420 | 14 | GM |  | 10 ft: GRAVEL-SAND-SILT; brown, quart, dolomite, feldspar, few shale, with sandy-silt matrix, saturated. | |
| 15 | | | | | | | 15.0 ft: TD | |
| 20 | | | | | | | | |
| 25 | | | | | | | | |
| 30 | | | | | | | | |

BOREHOLE LOG

Project Name: *Woodbridge Research Facility Woodbridge, Virginia*Project Number: *93197603* Field Log of Borehole Number: *MW37* Sheet *1* of *1*











| | | | |
|--|--------------------------|--|------------------------------|
| Borehole Location: <i>MW-37</i> | | Elevation and Datum (feet): Land: <i>12.53</i> Top of Casing: <i>NA</i> | |
| Drilling Agency: <i>GSI</i> | Driller: <i>M. Belew</i> | Date Started: <i>3/2/95</i> | Date Finished: <i>3/2/95</i> |
| Drilling Equipment: <i>ACKER</i> | | Completion: <i>15.0</i> Depth (feet) | Rock Depth: (feet) |
| Method of Drilling: <i>HSA</i> | | Number of Samples: | Dist.: Undist.: Core: |
| Borehole Size (inches): <i>8.25</i> | | Water Depth (ft): <i>9.6</i> | First: Compl.: 24 hrs. |
| Completion Information: <i>MW37 completed as 4-inch monitoring well, see completion diagram for construction specifications.</i> | | Logged By: <i>BMCG</i> | Checked By: <i>BMCG</i> |

| Depth (feet) | Samples | | | Field Analysis | Log | | Description | Remarks |
|--------------|---------|------|------------|----------------|---------------|-------------------|---|---------|
| | Number | Type | Blow Count | Drilling Time | PID (ppm) S/B | USCS or Rock Type | Graphic | |
| 1 | 10 | | 1200 | 42 | AF | | 0.0 ft: ASPHALT AND GRAVEL (AF): | |
| 2 | 11 | | 1205 | 35 | ML | | 2.0 ft: SILT (ML); yellow-brown, with asphalt gravel, mica, fine sand. | |
| 3 | 12 | | 1210 | 7 | ML | | 4.0 ft: SILT (ML); same as above. | |
| 4 | 16 | | 1215 | 7 | ML-MH | | 6.0 ft: SILT (ML-MH); with fine sand, clay, mica, moist. | |
| 5 | 17 | | 1220 | 15 | ML-MH | | 8.0 ft: SILT (ML-MH); same as above. | |
| 10 | 20 | | | | SM | | 9.6 ft: SILTY SAND (SM); brown, coarse grained sand with silty matrix, well graded with FE oxide staining, saturated. | |
| | 4 | | | | GM | | 10.5 ft: GRAVEL-SAND-SILT (GM); quartz, dolomite, feldspar, few shale terrace deposits. | |
| 15 | 7 | | | | TD | | 15 ft: TD | |
| 20 | 7 | | | | | | | |
| 25 | 7 | | | | | | | |
| 30 | 11 | | | | | | | |

BOREHOLE LOG

Project Name: *Woodbridge Research Facility Woodbridge, Virginia*Project Number: *93197603*Field Log of Borehole Number: *MW38*Sheet *1* of *1*

| | | | |
|--|--------------------------|--|-------------------------------|
| Borehole Location: <i>MW-38</i> | | Elevation and Datum (feet): <i>Land: 12.50</i> <i>Top of Casing: NA</i> | |
| Drilling Agency: <i>GSI</i> | Driller: <i>M. Belew</i> | Date Started: <i>3/2/95</i> | Date Finished: <i>3/2/95</i> |
| Drilling Equipment: <i>ACKER</i> | | Completion: Depth (feet) <i>15.0</i> | Rock Depth: (feet) |
| Method of Drilling: <i>HSA</i> | | Number of Samples: | Dist.: Undist.: Core: |
| Borehole Size (inches): <i>8.25</i> | | Water Depth (ft): <i>9.0</i> | First: Compl.: <i>24 hrs.</i> |
| Completion Information: <i>MW38 completed as 4-inch diameter monitoring well, see completion diagrams for construction specifications.</i> | | Logged By: <i>BMCG</i> | Checked By: <i>BMCG</i> |

| Depth (feet) | Samples | | Field Analysis | Log | | Description | Remarks |
|--------------|---------|------|----------------|---------------|-------------------|---|--|
| | Number | Type | | PID (ppm) S/B | USCS or Rock Type | Graphic | |
| 1 | 8 | | 1040 | 40 | AF |  | 0.0 ft: Asphalt (AF): asphalt and gravel subbase, asphalt odor, moist. |
| 2 | 12 | | 1045 | 11 | GM-ML |  | 2.0 ft: SILT (GM-ML); grey, with mica, gravel, little to no moisture. |
| 3 | 12 | | 1050 | 6 | ML-MH |  | 4.0 ft: SILT (ML-MH); grey, with mica, fine sand and clay, little to no moisture. |
| 4 | 21 | | 1100 | 5 | ML-MH |  | 6 ft: SILT (ML-MH); grey, with fine sand, mica, clay, few gravel, moist. |
| 5 | 9 | | 1105 | 9 | MH-GM |  | 8.0 ft: SILT (MH-GM); grey, with fine sand, mica, clay, and few gravel, a 1/4-inch quartz gravel seam at 8.8, WET. |
| 10 | 14 | | | | GM |  | 10 ft: GRAVEL-SAND-SILT (GM); quartz, dolomite, feldspar, few shale, terrace deposits, saturated. |
| 15 | | | | | |  | |
| 20 | | | | | |  | |
| 25 | | | | | |  | |
| 30 | | | | | |  | |

15 ft: TD

BOREHOLE LOG

Project Name: Woodbridge Research Facility Woodbridge, VirginiaProject Number: 93197603 Field Log of Borehole Number: MW39 Sheet 1 of 1

| | | | |
|--|--------------------------|--|------------------------------|
| Borehole Location: <u>MW-39</u> | | Elevation and Datum (feet): Land: <u>11.43</u> Top of Casing: <u>NA</u> | |
| Drilling Agency: <u>GSI</u> | Driller: <u>M. Belew</u> | Date Started: <u>3/3/95</u> | Date Finished: <u>3/3/95</u> |
| Drilling Equipment: <u>ACKER</u> | | Completion: <u>14.5</u> Depth (feet) | Rock Depth: (feet) |
| Method of Drilling: <u>HSA</u> | | Number of Samples: | Dist.: Undist.: Core: |
| Borehole Size (inches): <u>8.25</u> | | Water Depth (ft): <u>6.0</u> | First: Compl.: 24 hrs. |
| Completion Information: <u>MW39 completed as 4-inch monitoring well, see completion diagram for construction specifications.</u> | | Logged By: <u>BMCG</u> | Checked By: <u>BMCG</u> |

| Depth (feet) | Samples | | | Field Analysis | Log | | Description | Remarks |
|-----------------|---------|------|------------|----------------|---------------|-------------------|-------------|---|
| | Number | Type | Blow Count | Drilling Time | PID (ppm) S/B | USCS or Rock Type | Graphic | |
| 1 | 1 | | 830 | 1 | ML | | | 0.0 ft: SILT (ML); light brown, with organics, trace mica, fine sand, and clay, moist, no odor. |
| 2 | 5 | | 840 | 0 | ML | | | 2 ft: SILT (ML); same as above, v. moist to wet. |
| 3 | 9 | | 850 | 3 | ML-MH | | | 4 ft: SILT (ML-MH); brown, with increase fine sand and clay, black manganese nodules at 5-6, v. moist, no odor. |
| 4 | 10 | | 900 | 2 | GM | | | 6 ft: GRAVEL-SAND-SILT (GM); brown, quartz, feldspar, dolomite, few shale, terrace deposit, saturated. |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | 14 ft: TD |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |

BOREHOLE LOG

Project Name: *Woodbridge Research Facility Woodbridge, Virginia*

Project Number: 93197603

Field Log of Borehole Number: MW40

Sheet 1 of 1

| | | | | | |
|---|-------------------|--|--------|-----------------------|---------|
| Borehole Location: MW-40 | | Elevation and Datum (feet): Land: 13.52 Top of Casing: NA | | | |
| Drilling Agency: GSI | Driller: M. Belew | Date Started: 3/1/95 | | Date Finished: 3/1/95 | |
| Drilling Equipment: ACKER | | Completion: Depth (feet) 16.5 | | Rock Depth: (feet) | |
| Method of Drilling: HSA | | Number of Samples: | Dist.: | Undist.: | Core: |
| Borehole Size (inches): 8.25 | | Water Depth (ft): 9.0 | First: | Compl.: | 24 hrs. |
| Completion Information: MW40 completed as 4-inch diameter monitoring well, see completion diagram for construction details. | | Logged By: BMCG | | Checked By: BMCG | |

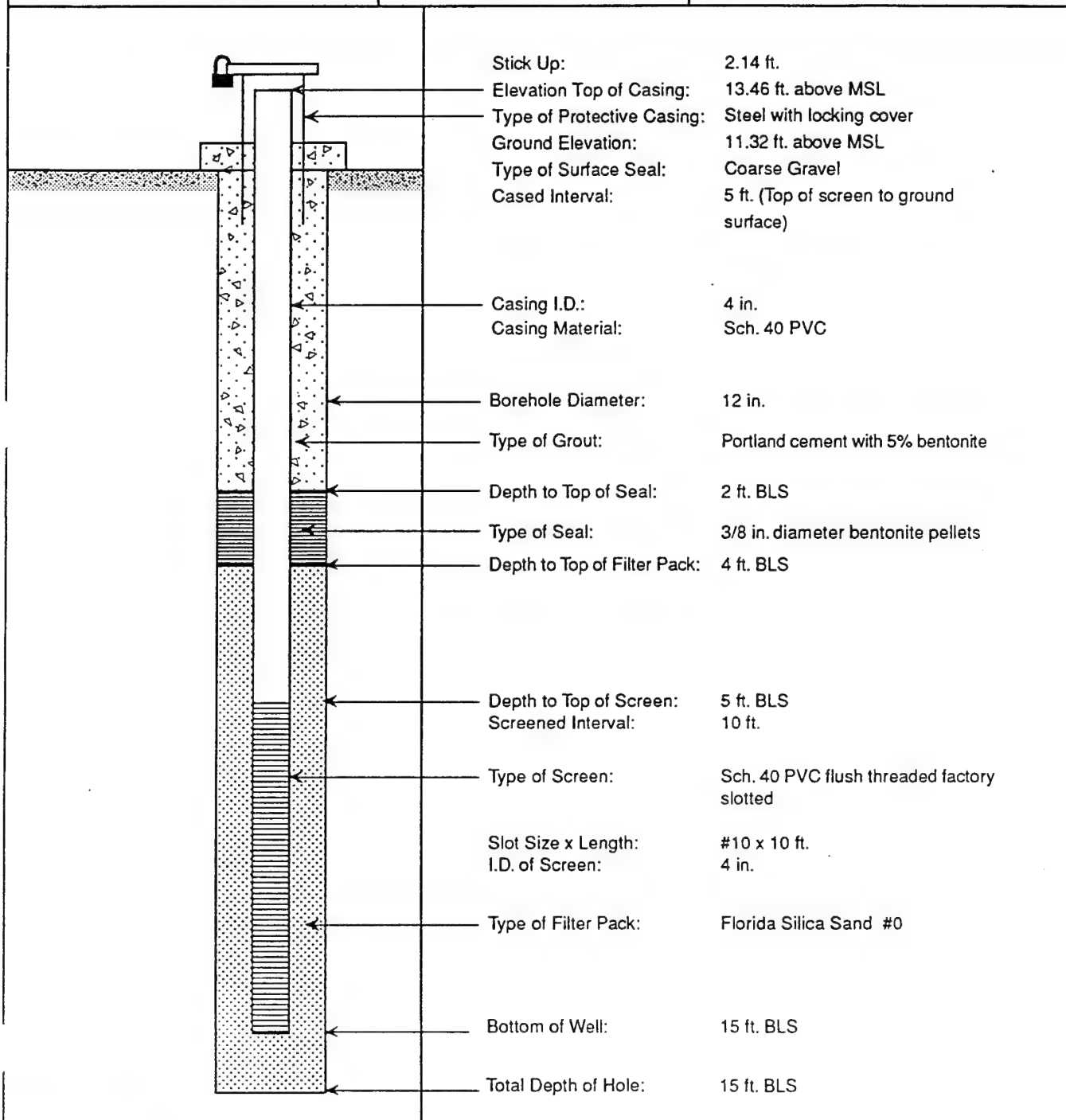
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A P P E N D I X C

WELL COMPLETION DIAGRAMS

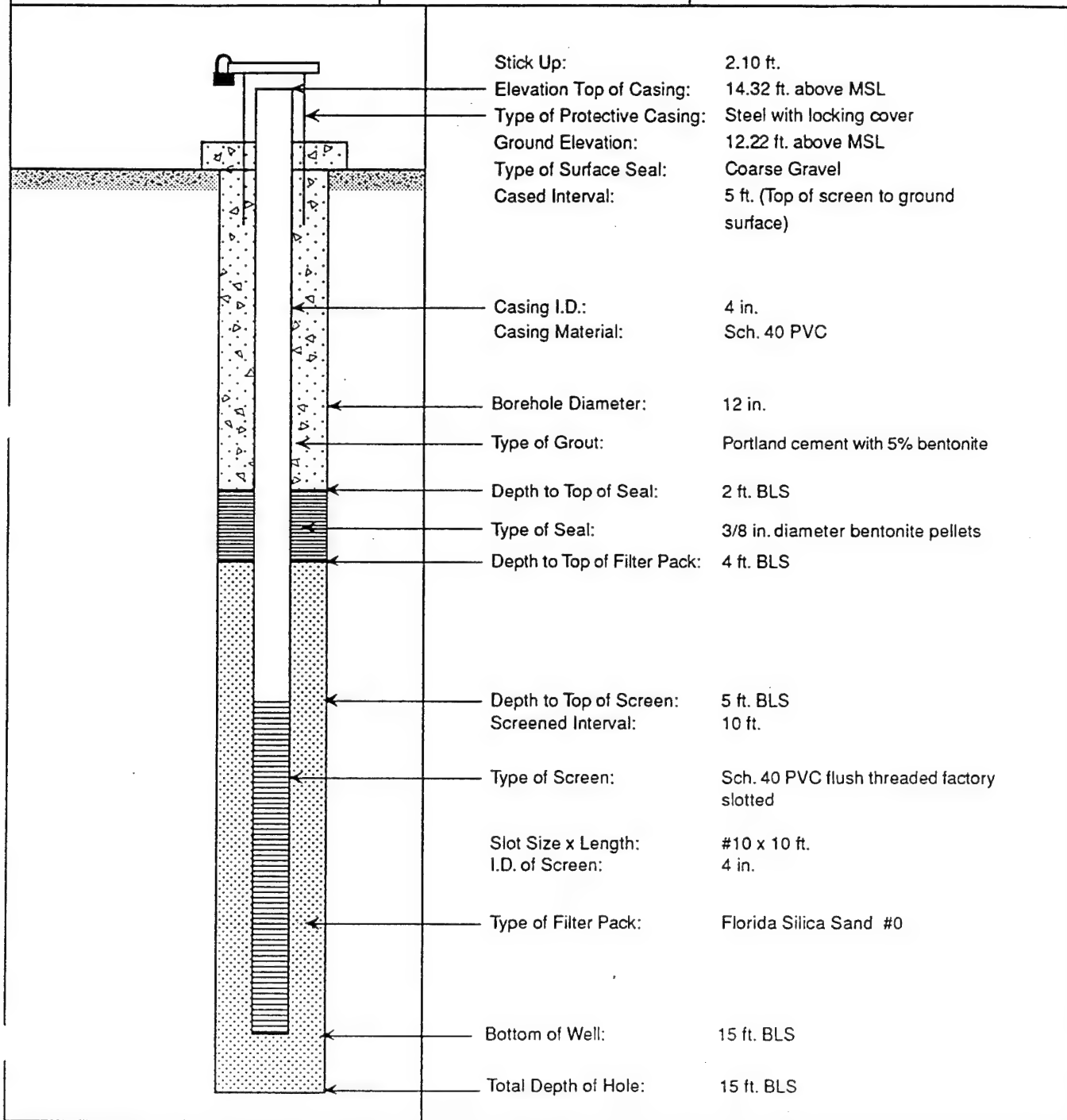
MONITORING WELL SHEET

| | | |
|---------------------------------------|-------------------------|--------------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Drilling Company: Hardin-Huber, Inc. |
| Project Number: 931976-03 | Well Number: MW31 | Driller: T. Mise |
| Logged By: KTM/CL Checked By: KMS | Date Completed: 4-12-94 | Drilling Method: Hollow Stem Auger |



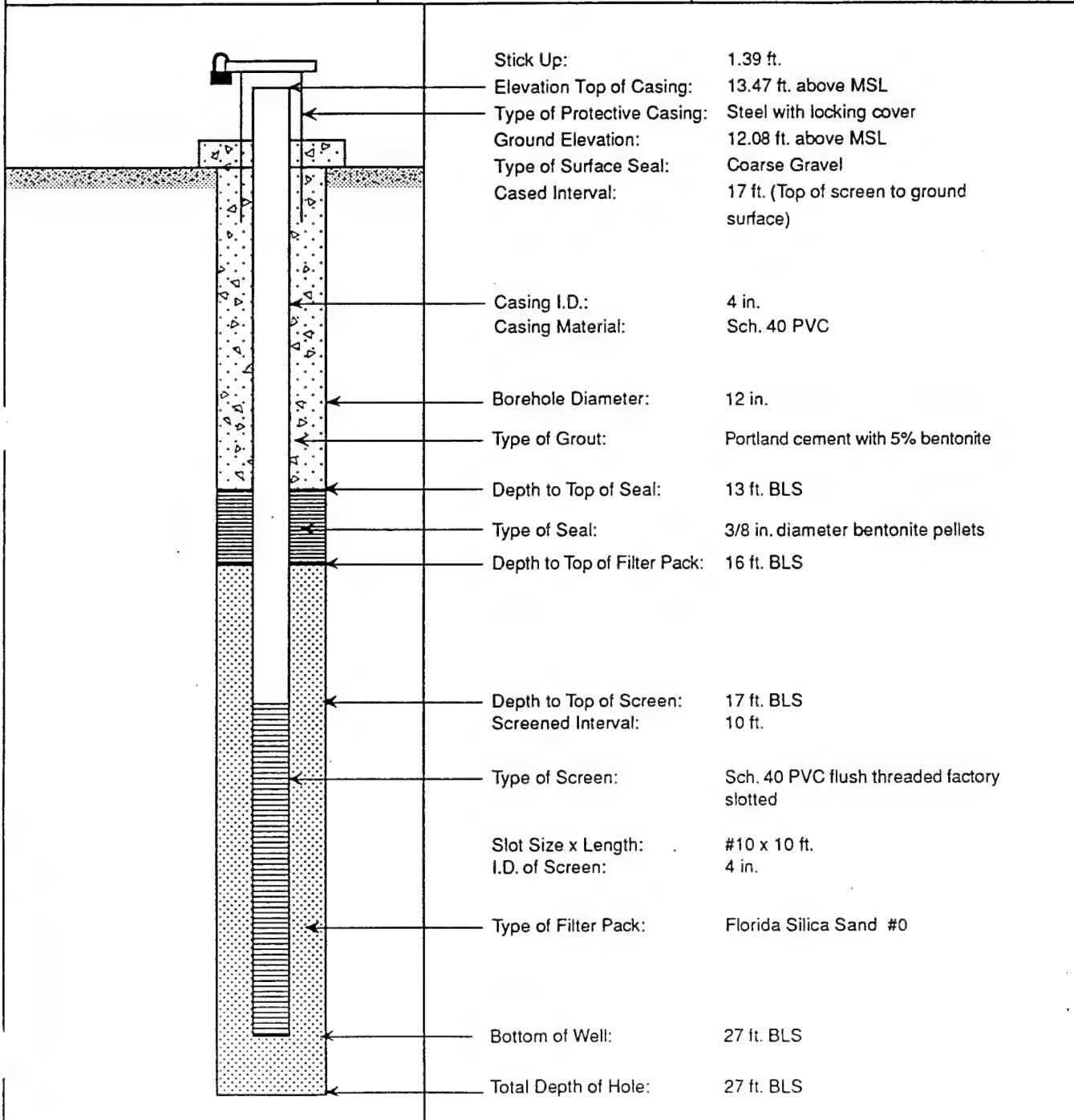
MONITORING WELL SHEET

| | | |
|---------------------------------------|-------------------------|--------------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Drilling Company: Hardin-Huber, Inc. |
| Project Number: 931976-03 | Well Number: MW32 S | Driller: T. Mise |
| Logged By: KTM/CL Checked By: KMS | Date Completed: 4-15-94 | Drilling Method: Hollow Stem Auger |



MONITORING WELL SHEET

| | | |
|---------------------------------------|-------------------------|--------------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Drilling Company: Hardin-Huber, Inc. |
| Project Number: 931976-03 | Well Number: MW32 D | Driller: T. Mise |
| Logged By: KMS/CL Checked By: KTM | Date Completed: 4-15-94 | Drilling Method: Hollow Stem Auger |



MONITORING WELL SHEET

Project: Woodbridge Research Facility

Location: AREE 8

Drilling Company: Hardin-Huber, Inc.

Project Number: 931976-03

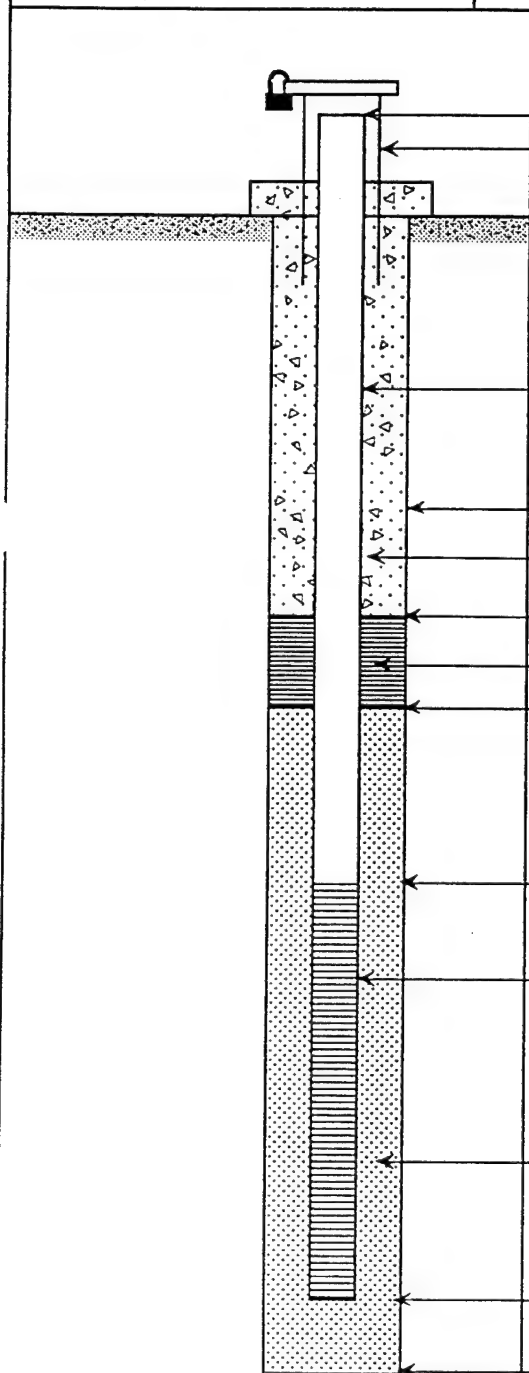
Well Number: MW33

Driller: T. Mise

Logged By: KMS/CL
Checked By: KTM

Date Completed: 4-14-94

Drilling Method: Hollow Stem Auger



Stick Up: 2.09 ft.
Elevation Top of Casing: 13.79 ft. above MSL
Type of Protective Casing: Steel with locking cover
Ground Elevation: 11.70 ft. above MSL
Type of Surface Seal: Coarse Gravel
Cased Interval: 5.5 ft. (Top of screen to ground surface)

Casing I.D.: 4 in.
Casing Material: Sch. 40 PVC

Borehole Diameter: 12 in.
Type of Grout: Portland cement with 5% bentonite

Depth to Top of Seal: 2.5 ft. BLS
Type of Seal: 3/8 in. diameter bentonite pellets
Depth to Top of Filter Pack: 4.5 ft. BLS

Depth to Top of Screen: 5.5 ft. BLS
Screened Interval: 10 ft.
Type of Screen: Sch. 40 PVC flush threaded factory slotted

Slot Size x Length: #10 x 10 ft.
I.D. of Screen: 4 in.

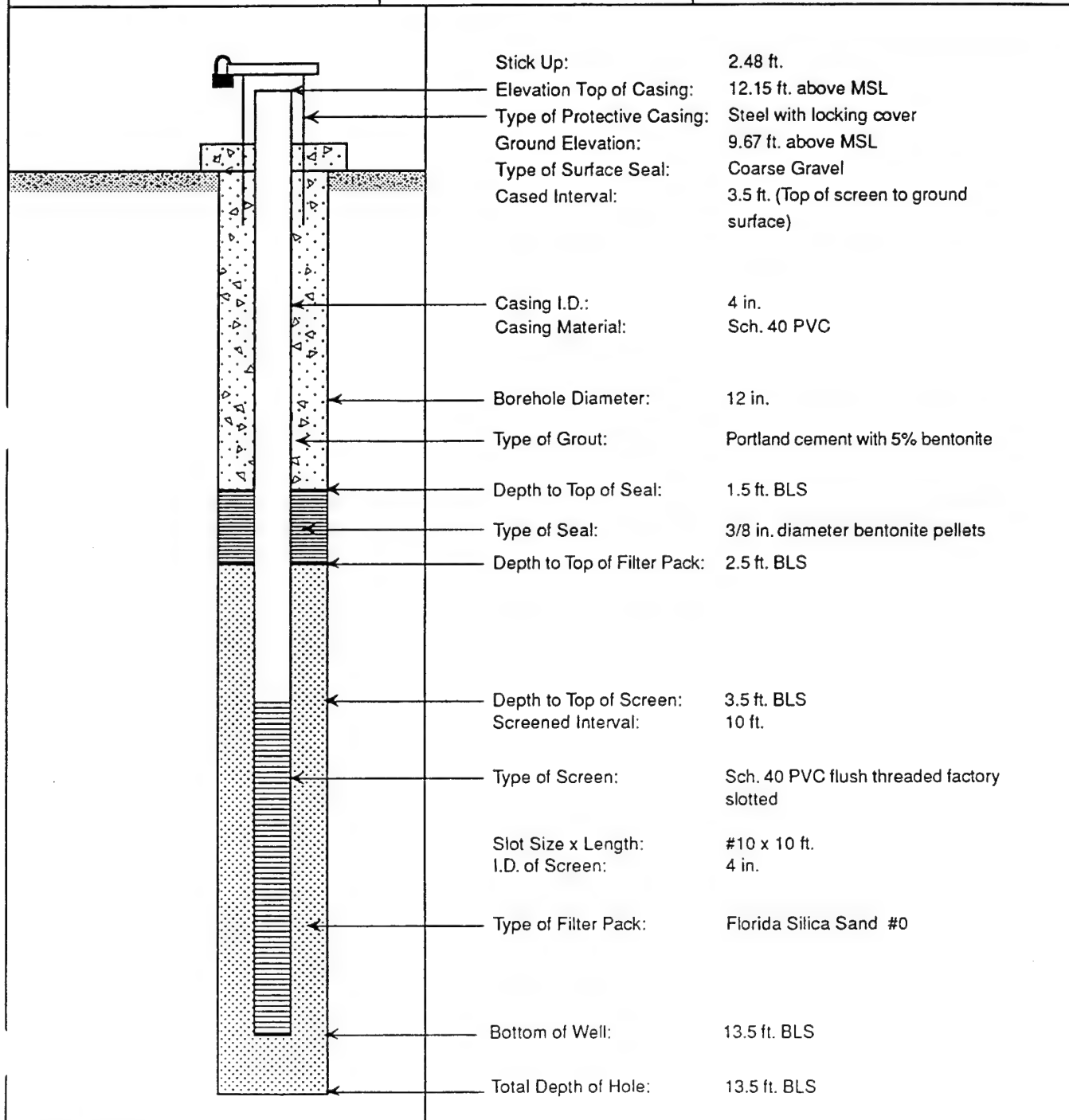
Type of Filter Pack: Florida Silica Sand #0

Bottom of Well: 15.5 ft. BLS

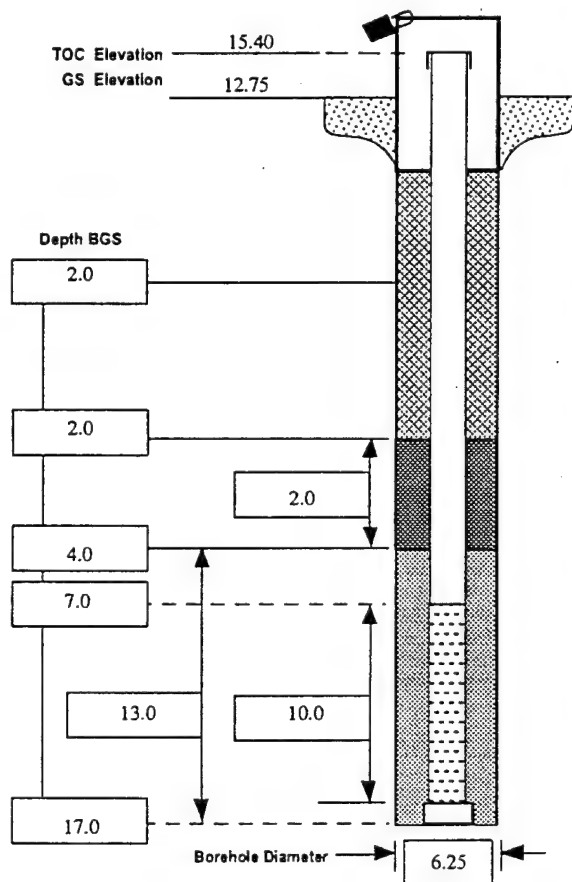
Total Depth of Hole: 15.5 ft. BLS

MONITORING WELL SHEET

| | | |
|---------------------------------------|-------------------------|--------------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Drilling Company: Hardin-Huber, Inc. |
| Project Number: 931976-03 | Well Number: MW34 | Driller: T. Mise |
| Logged By: KMS/CL Checked By: KTM | Date Completed: 4-12-94 | Drilling Method: Hollow Stem Auger |



| | | |
|---------------------------|------------------------------|-----------------------------|
| Project Name: WRF | Project Number: 93197603 | Sheet 1 of 1 |
| Well: MW35 | Borehole Diameter (in.) 6.25 | Depth of Water (TOC): 10.35 |
| Driller: M. Belew | Date Started: 3/1/95 | TOC Elevation: 15.40 |
| Drilling Agency: GSI | Date Installed: 3/1/95 | Number of Soil Samples: 1 |
| Drilling Equipment: Acker | Date Completed: 3/1/95 | Logged By: BM |
| Drilling Method: HSA | Total Depth (ft.): 17 | Checked by: BM |

**SURFACE CASING**

Material/Type: Steel Stickup
Depth BGS: 2 ft.

GUARD POSTS

No. 4 Type Steel

SURFACE PAD

Composition & Size: Cement 2x2 ft

RISER PIPE

Type: 4-inch diameter PVC
Total Length (TOC to TOS): 7 ft.

GROUT

Composition & Proportions: Portland Type II Cement

Interval BGS: 0-2

CENTRALIZERS

Depths: N/A

SEAL

Type: Bentonite

Source: Shur-Plug
Setup/Hydration Time: 1 hour
Vol. Fluid Added: 2 gallons

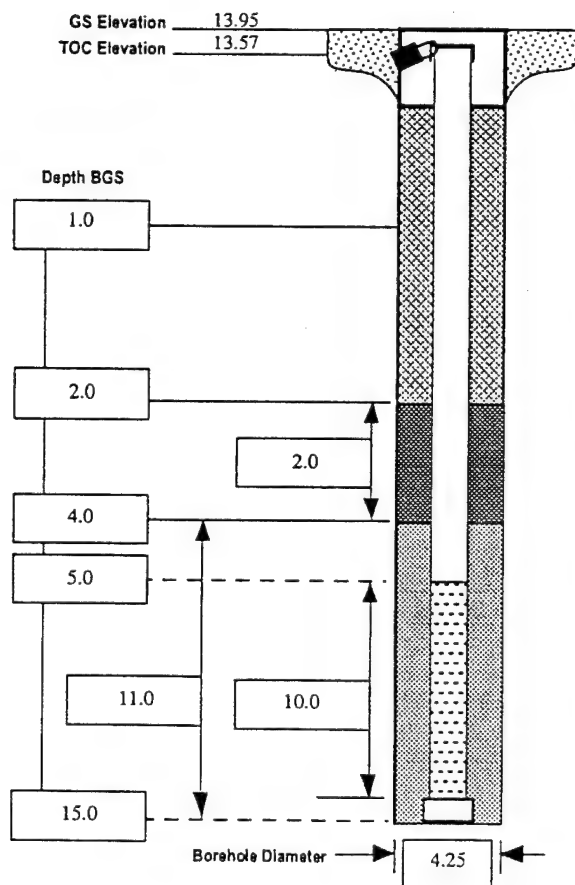
FILTER PACK

Type: Sand
Amt. Used: 18 bags
Source: Morie
Gr. Size Dist.: 00N

SCREEN

Type: 4-inch diameter PVC
Slot Size and Type: .010 inch machined
Interval BGS: 7-17

| | | |
|---------------------------|------------------------------|---------------------------|
| Project Name: WRF | Project Number: 93197603 | Sheet 1 of 1 |
| Well: MW36 | Borehole Diameter (in.) 4.25 | Depth of Water (TOC): 9.0 |
| Driller: M. Belew | Date Started: 3/1/95 | TOC Elevation: 13.57 |
| Drilling Agency: GSI | Date Installed: 3/1/95 | Number of Soil Samples: 1 |
| Drilling Equipment: Acker | Date Completed: 3/1/95 | Logged By: BM |
| Drilling Method: HSA | Total Depth (ft.): 15 | Checked By: BM |

**FLUSH MOUNT CASING**

Material/Type: Stainless Steel/Manhole

Depth BGS: 0-1 ft.

GUARD POSTS

No. _____ Type Steel

SURFACE PAD

Composition & Size: Cement 2x2 ft

RISER PIPE

Type: 2-inch diameter PVC

Total Length (TOC to TOS): 5 ft.

GROUT

Composition & Proportions: Portland Type II Cement

Interval BGS: 0-2

CENTRALIZERS

Depths: N/A

SEAL

Type: Bentonite

Source: Shur-Plug

Setup/Hydration Time: 1 hour

Vol. Fluid Added: 2 gallons

FILTER PACK

Type: Sand

Amt. Used: 18 bags

Source: Monie

Gr. Size Dist.: 00N

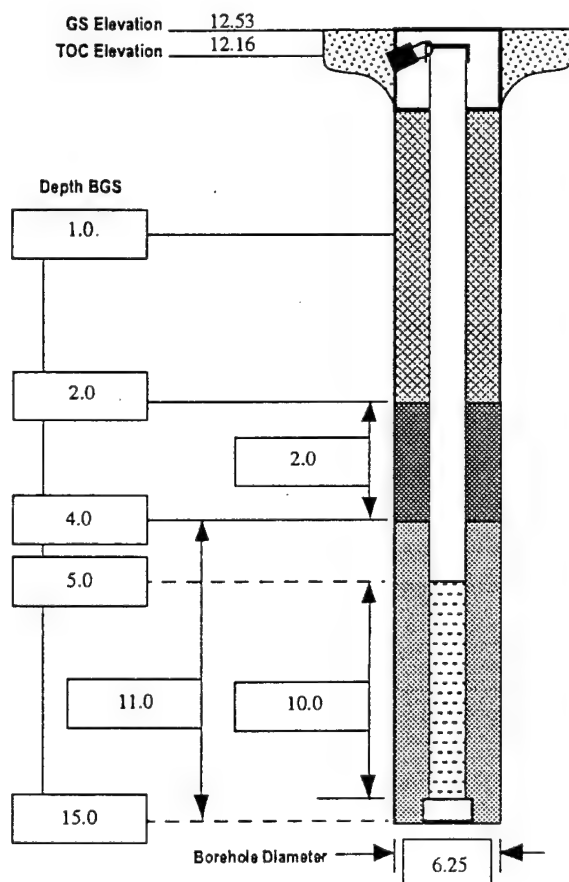
SCREEN

Type: 2-inch diameter PVC

Slot Size and Type: .010 inch machined

Interval BGS: 5-15

| | | |
|---------------------------|-------------------------------|---------------------------|
| Project Name: WRF | Project Number: 93197603 | Sheet 1 of 1 |
| Well: MW37 | Borehole Diameter (in.): 6.25 | Depth of Water (TOC): 9.6 |
| Driller: M. Belew | Date Started: 3/2/95 | TOC Elevation: 12.16 |
| Drilling Agency: GSI | Date Installed: 3/2/95 | Number of Soil Samples: 1 |
| Drilling Equipment: Acker | Date Completed: 3/2/95 | Logged By: BM |
| Drilling Method: HSA | Total Depth (ft.): 15 | Checked By: BM |

**FLUSH MOUNT CASING**

Material/Type: Stainless Steel/Manhole
Depth BGS: 0-1 ft.

GUARD POSTS

No. 4 Type Steel

SURFACE PAD

Composition & Size: Cement 2x2 ft

RISER PIPE

Type: 4-inch diameter PVC
Total Length (TOC to TOS): 5 ft.

GROUT

Composition & Proportions: Portland Type II Cement

Interval BGS: 0-2

CENTRALIZERS

Depths: N/A

SEAL

Type: Bentonite
Source: Shur-Plug
Setup/Hydration Time: 1 hour
Vol. Fluid Added: 2 gallons

FILTER PACK

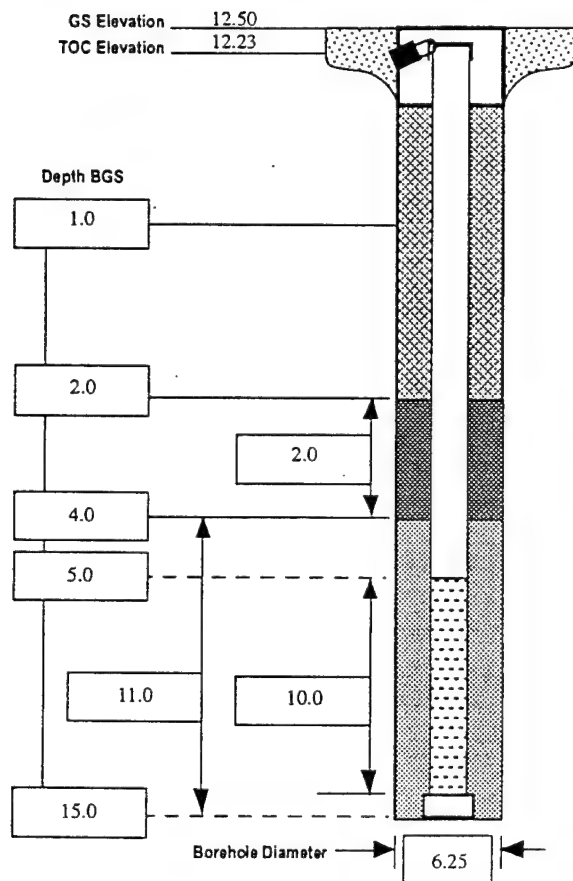
Type: Sand
Amt. Used: 18 bags
Source: Morie
Gr. Size Dist.: 00N

SCREEN

Type: 4-inch diameter PVC
Slot Size and Type: .010 inch machined
Interval BGS: 5-15

Monitoring Well Construction Log - Flush Mount

| | | |
|---------------------------|------------------------------|----------------------------|
| Project Name: WRF | Project Number: 93197603 | Sheet 1 of 1 |
| Well: MW38 | Borehole Diameter (in.) 6.25 | Depth of Water (TOC): 7.38 |
| Driller: M. Belew | Date Started: 3/2/95 | TOC Elevation: 12.23 |
| Drilling Agency: GSI | Date Installed: 3/2/95 | Number of Soil Samples: 1 |
| Drilling Equipment: Acker | Date Completed: 3/2/95 | Logged By: BM |
| Drilling Method: HSA | Total Depth (ft.): 15 | Checked By: BM |



FLUSH MOUNT CASING

Material/Type: Stainless Steel/Manhole

Depth BGS: 0-1 ft.

GUARD POSTS

No. _____ Type Steel

SURFACE PAD

Composition & Size: Cement 2x2 ft

RISER PIPE

Type: 4-inch diameter PVC

Total Length (TOC to TOS): 5 ft.

GROUT

Composition & Proportions: Portland Type II Cement

Interval BGS: 0-2

CENTRALIZERS

Depths: N/A

SEAL

Type: Bentonite

Source: Shur-Plug

Setup/Hydration Time: 1 hour

Vol. Fluid Added: 2 gallons

FILTER PACK

Type: Sand

Amt. Used: 18 bags

Source: Morie

Gr. Size Dist.: 00N

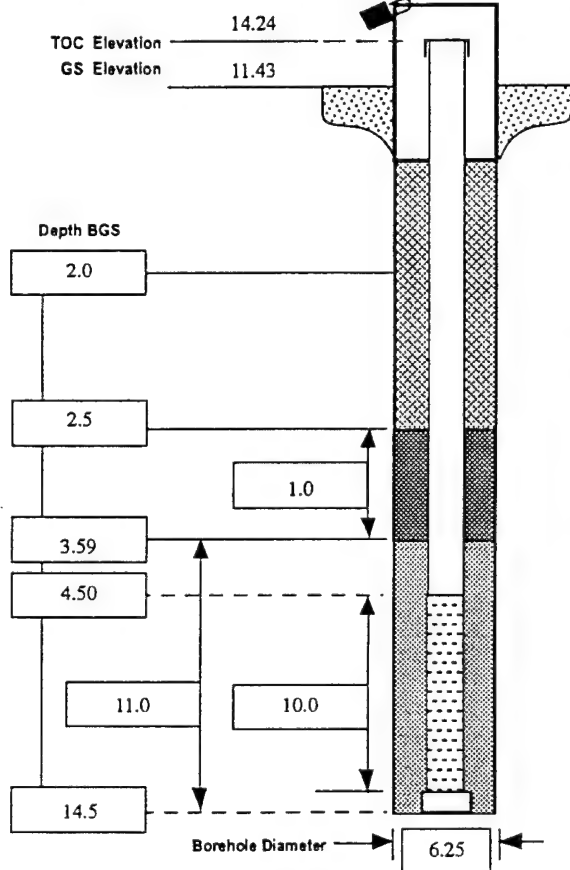
SCREEN

Type: 4-inch diameter PVC

Slot Size and Type: .010 inch machined

Interval BGS: 5-15

| | | |
|---------------------------|------------------------------|----------------------------|
| Project Name: WRF | Project Number: 93197603 | Sheet 1 of 1 |
| Well: MW39 | Borehole Diameter (in.) 6.25 | Depth of Water (TOC): 9.68 |
| Driller: M. Belew | Date Started: 3/1/95 | TOC Elevation: 14.24 |
| Drilling Agency: GSI | Date Installed: 3/1/95 | Number of Soil Samples: 1 |
| Drilling Equipment: Acker | Date Completed: 3/1/95 | Logged By: BM |
| Drilling Method: HSA | Total Depth (ft.): 14.5 | Checked by: BM |

**SURFACE CASING**

Material/Type: Steel Stickup
Depth BGS: 2 ft.

GUARD POSTS

No. 4 Type Steel

SURFACE PAD

Composition & Size: Cement 2x2 ft

RISER PIPE

Type: 4-inch diameter PVC
Total Length (TOC to TOS): 4.5 ft.

GROUT

Composition & Proportions: Portland Type II Cement

Interval BGS: 0-2.5

CENTRALIZERS

Depths: N/A

SEAL

Type: Bentonite
Source: Shur-Plug
Setup/Hydration Time: 1 hour
Vol. Fluid Added: 2 gallons

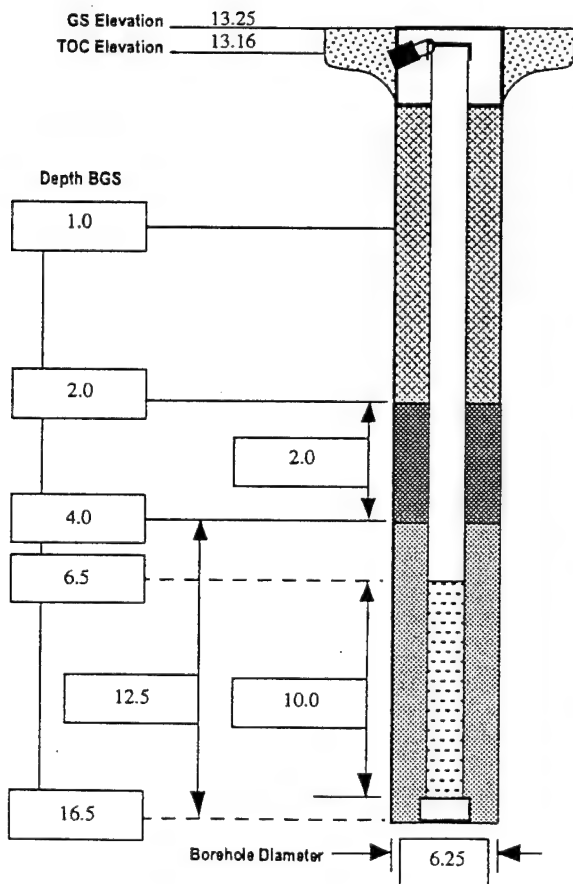
FILTER PACK

Type: Sand
Amt. Used: 18 bags
Source: Morie
Gr. Size Dist.: 00N

SCREEN

Type: 4-inch diameter PVC
Slot Size and Type: .010 inch machined
Interval BGS: 4.5-14.5

| | | |
|---------------------------|------------------------------|----------------------------|
| Project Name: WRF | Project Number: 93197603 | Sheet 1 of 1 |
| Well: MW40 | Borehole Diameter (in.) 6.25 | Depth of Water (TOC): 8.01 |
| Driller: M. Belew | Date Started: 3/1/95 | TOC Elevation: 13.16 |
| Drilling Agency: GSI | Date Installed: 3/1/95 | Number of Soil Samples: 1 |
| Drilling Equipment: Acker | Date Completed: 3/1/95 | Logged By: BM |
| Drilling Method: HSA | Total Depth (ft.): 16.5 | Checked By: BM |

**FLUSH MOUNT CASING**

Material/Type: Stainless Steel/Manhole

Depth BGS: 0-1 ft.

GUARD POSTS

No. _____ Type Steel

SURFACE PAD

Composition & Size: Cement 2x2 ft

RISER PIPE

Type: 4-inch diameter PVC

Total Length (TOC to TOS): 6.5 ft.

GROUT

Composition & Proportions: Portland Type II Cement

Interval BGS: 0-2

CENTRALIZERS

Depths: N/A

SEAL

Type: Bentonite

Source: Shur-Plug

Setup/Hydration Time: 1 hour

Vol. Fluid Added: 2 gallons

FILTER PACK

Type: Sand

Amt. Used: 18 bags

Source: Morie

Gr. Size Dist.: 00N

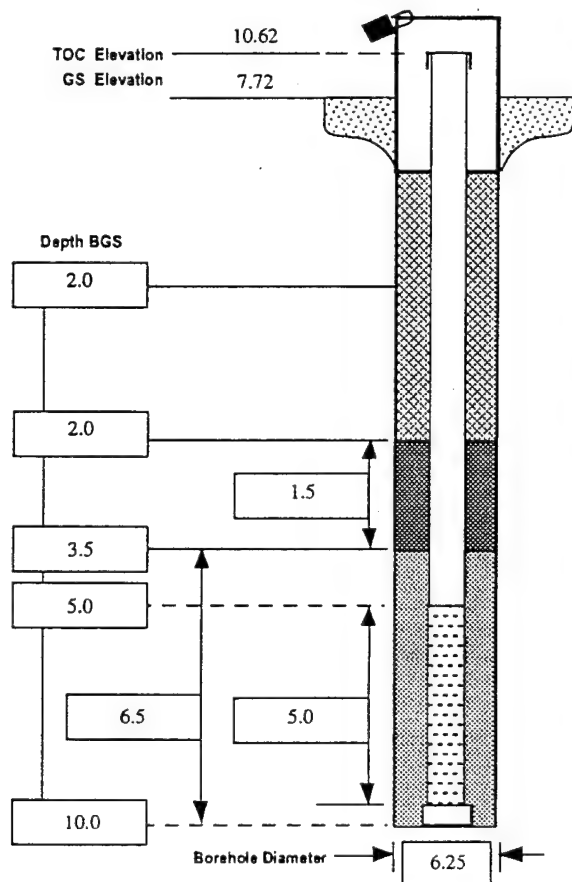
SCREEN

Type: 4-inch diameter PVC

Slot Size and Type: .010 inch machined

Interval BGS: 6.5-16.50

| | | |
|---------------------------|------------------------------|----------------------------|
| Project Name: WRF | Project Number: 93197603 | Sheet 1 of 1 |
| Well: MW41 | Borehole Diameter (in.) 6.25 | Depth of Water (TOC): 6.83 |
| Driller: M. Belew | Date Started: 3/3/95 | TOC Elevation: 10.62 |
| Drilling Agency: GSI | Date Installed: 3/3/95 | Number of Soil Samples: 1 |
| Drilling Equipment: Acker | Date Completed: 3/3/95 | Logged By: BM |
| Drilling Method: HSA | Total Depth (ft.): 10 | Checked by: BM |

**SURFACE CASING**

Material/Type: Steel Stickup
Depth BGS: 2 ft.

GUARD POSTS

No. 4 Type Steel

SURFACE PAD

Composition & Size: Cement 2x2 ft

RISER PIPE

Type: 4-inch diameter PVC
Total Length (TOC to TOS): 5 ft.

GROUT

Composition & Proportions: Portland Type II Cement

Interval BGS: 0-2

CENTRALIZERS

Depths: N/A

SEAL

Type: Bentonite

Source: Shur-Plug
Setup/Hydration Time: 1 hour
Vol. Fluid Added: 2 gallons

FILTER PACK

Type: Sand
Amt. Used: 7 bags
Source: Morie
Gr. Size Dist.: 00N

SCREEN

Type: 4-inch diameter PVC
Slot Size and Type: .010 inch machined
Interval BGS: 5019

A P P E N D I X D

AQUIFER TESTING DATA

HYDRAULIC CONDUCTIVITY CALCULATIONS

Project: Woodbridge Research Facility

Location: AREE 8

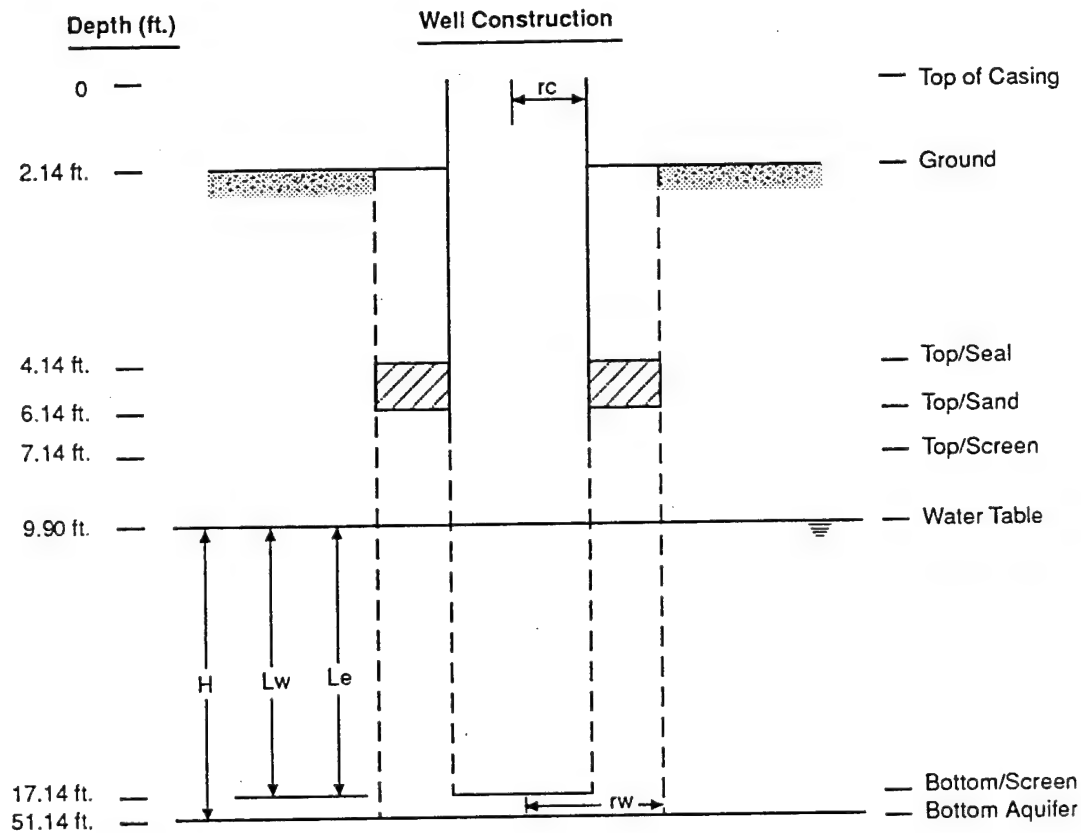
Computed By: KMS
Checked By: CL

Project Number: 931976-03

Well Number: MW31

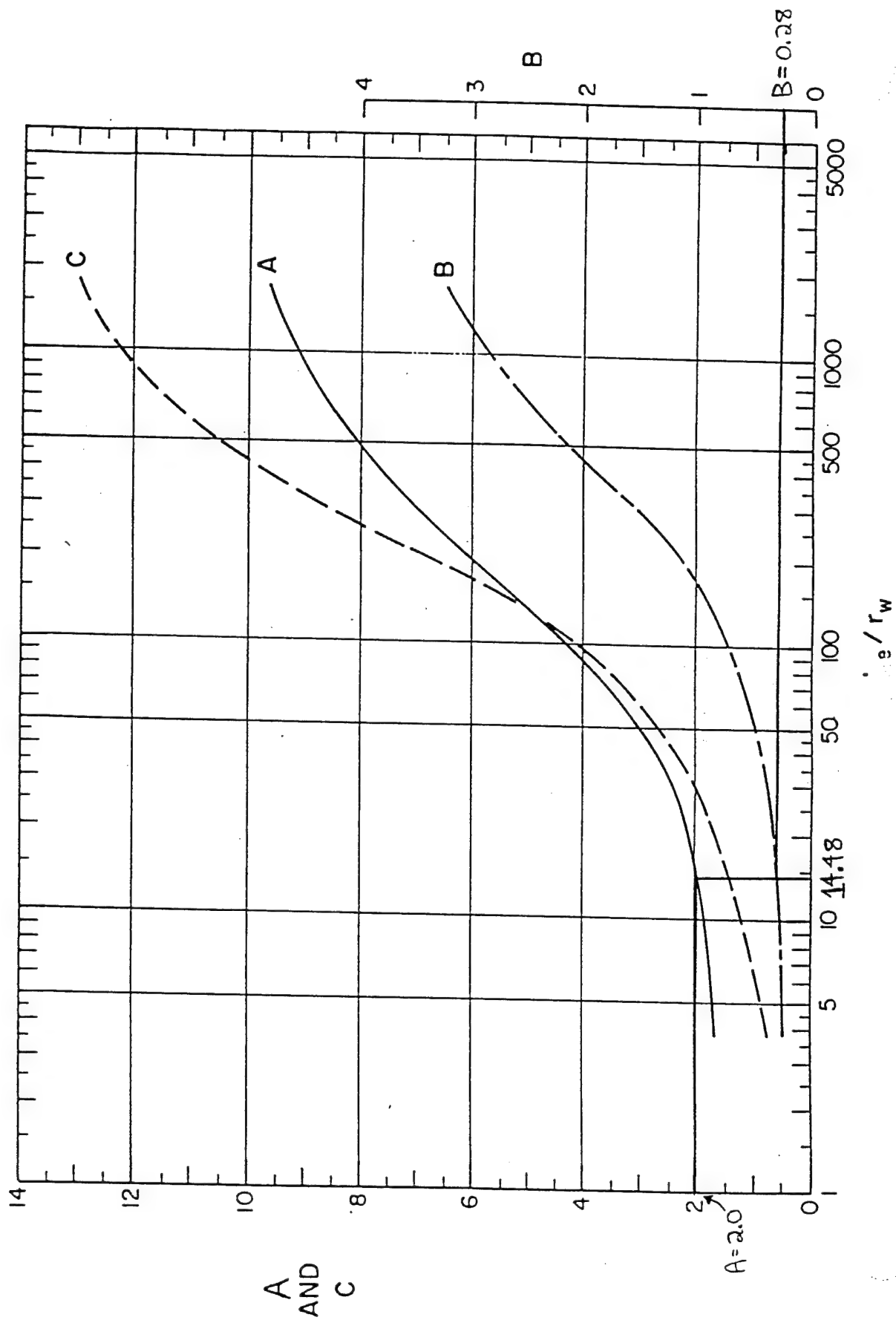
Date Completed: 6-7-94

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 41.24 ft.
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 7.24 ft.
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 7.24 ft.
- rc = Inside Radius of Well Casing = 0.1667 ft.
- rw = Radius of Well Developed Zone (Borehole) = 0.5 ft.
- Le/rw = 14.48
- A = From Attached Curve = 2.0
- B = From Attached Curve = 0.28
- C = Not Applicable



SLUG TEST DATA SHEET FOR MW-31 SLUG IN

ATIC WATER LEVEL (HO)

(HO) = 9.9 FT TOC

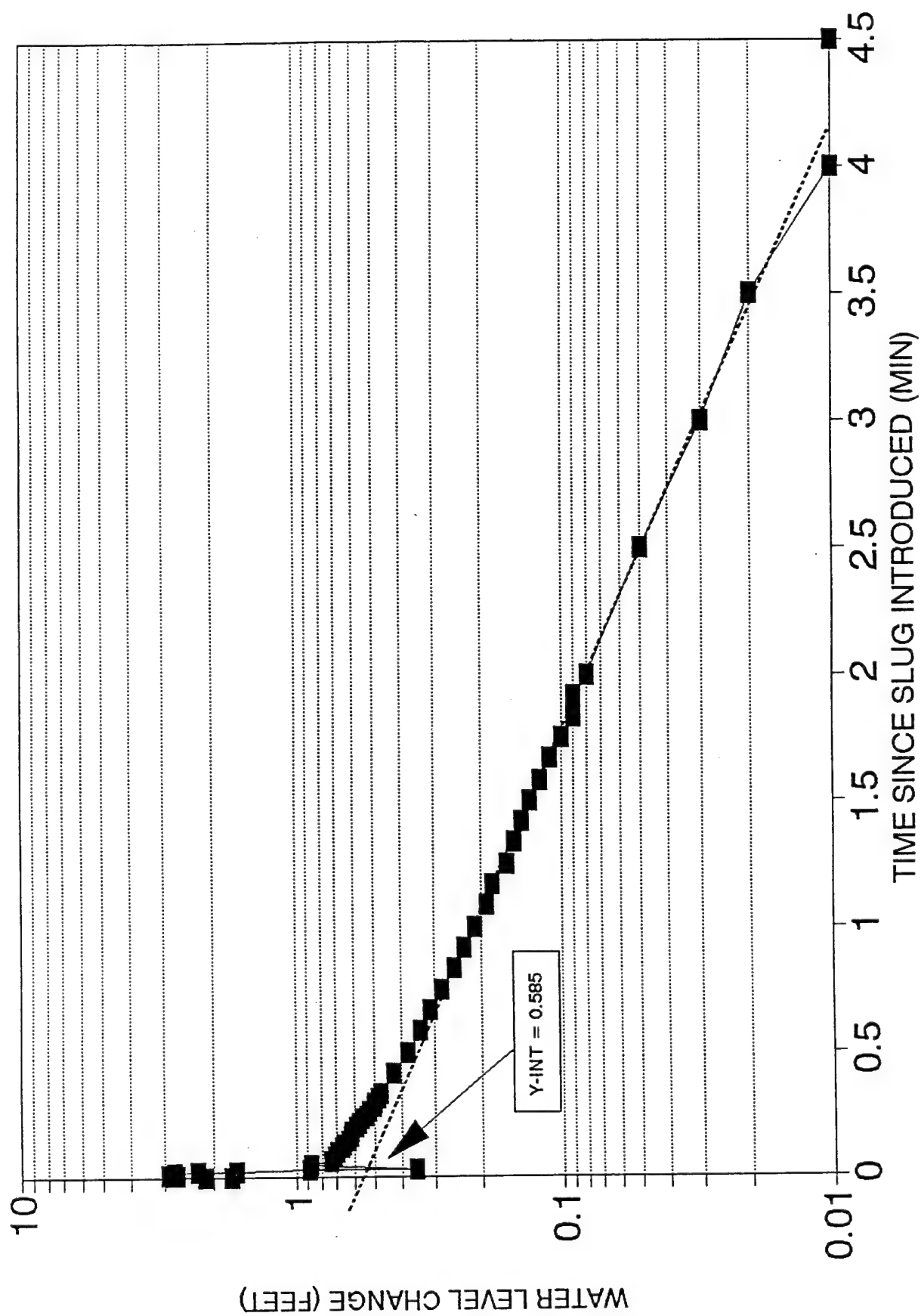
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/7/94 | 10 | 26 | 0 | 11.62 | 1.72 |
| 6/7/94 | 10 | 26.0033 | 0.0033 | 12.04 | 2.14 |
| 6/7/94 | 10 | 26.0066 | 0.0066 | 12.72 | 2.82 |
| 6/7/94 | 10 | 26.0099 | 0.0099 | 12.6 | 2.7 |
| 6/7/94 | 10 | 26.0133 | 0.0133 | 12.77 | 2.87 |
| 6/7/94 | 10 | 26.0166 | 0.0166 | 12.83 | 2.93 |
| 6/7/94 | 10 | 26.02 | 0.02 | 12.67 | 2.77 |
| 6/7/94 | 10 | 26.0233 | 0.0233 | 12.19 | 2.29 |
| 6/7/94 | 10 | 26.0266 | 0.0266 | 11.56 | 1.66 |
| 6/7/94 | 10 | 26.03 | 0.03 | 10.79 | 0.89 |
| 6/7/94 | 10 | 26.0333 | 0.0333 | 10.25 | 0.35 |
| 6/7/94 | 10 | 26.05 | 0.05 | 10.78 | 0.88 |
| 6/7/94 | 10 | 26.0666 | 0.0666 | 10.64 | 0.74 |
| 7/94 | 10 | 26.0833 | 0.0833 | 10.61 | 0.71 |
| 6/7/94 | 10 | 26.1 | 0.1 | 10.59 | 0.69 |
| 6/7/94 | 10 | 26.1166 | 0.1166 | 10.57 | 0.67 |
| 6/7/94 | 10 | 26.1333 | 0.1333 | 10.56 | 0.66 |
| 6/7/94 | 10 | 26.15 | 0.15 | 10.54 | 0.64 |
| 6/7/94 | 10 | 26.1666 | 0.1666 | 10.52 | 0.62 |
| 6/7/94 | 10 | 26.1833 | 0.1833 | 10.51 | 0.61 |
| 6/7/94 | 10 | 26.2 | 0.2 | 10.49 | 0.59 |
| 6/7/94 | 10 | 26.2166 | 0.2166 | 10.48 | 0.58 |
| 6/7/94 | 10 | 26.2333 | 0.2333 | 10.46 | 0.56 |
| 6/7/94 | 10 | 26.25 | 0.25 | 10.44 | 0.54 |
| 6/7/94 | 10 | 26.2666 | 0.2666 | 10.43 | 0.53 |
| 6/7/94 | 10 | 26.2833 | 0.2833 | 10.41 | 0.51 |
| 6/7/94 | 10 | 26.3 | 0.3 | 10.4 | 0.5 |
| 6/7/94 | 10 | 26.3166 | 0.3166 | 10.39 | 0.49 |
| 6/7/94 | 10 | 26.3333 | 0.3333 | 10.38 | 0.48 |
| 6/7/94 | 10 | 26.4167 | 0.4167 | 10.33 | 0.43 |
| 6/7/94 | 10 | 26.5 | 0.5 | 10.28 | 0.38 |
| 6/7/94 | 10 | 26.5833 | 0.5833 | 10.24 | 0.34 |
| 6/7/94 | 10 | 26.6667 | 0.6667 | 10.21 | 0.31 |
| 5/7/94 | 10 | 26.75 | 0.75 | 10.18 | 0.28 |
| 6/7/94 | 10 | 26.8333 | 0.8333 | 10.15 | 0.25 |
| 6/7/94 | 10 | 26.9167 | 0.9167 | 10.13 | 0.23 |

SLUG TEST DATA SHEET FOR MW-31 SLUG IN

STATIC WATER LEVEL (H0)
(H0) = 9.9 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 10 | 27 | 1 | 10.11 | 0.21 |
| 6/7/94 | 10 | 27.0833 | 1.0833 | 10.09 | 0.19 |
| 6/7/94 | 10 | 27.1667 | 1.1667 | 10.08 | 0.18 |
| 6/7/94 | 10 | 27.25 | 1.25 | 10.06 | 0.16 |
| 6/7/94 | 10 | 27.3333 | 1.3333 | 10.05 | 0.15 |
| 6/7/94 | 10 | 27.4166 | 1.4166 | 10.04 | 0.14 |
| 6/7/94 | 10 | 27.5 | 1.5 | 10.03 | 0.13 |
| 6/7/94 | 10 | 27.5833 | 1.5833 | 10.02 | 0.12 |
| 6/7/94 | 10 | 27.6667 | 1.6667 | 10.01 | 0.11 |
| 6/7/94 | 10 | 27.75 | 1.75 | 10 | 0.1 |
| 6/7/94 | 10 | 27.8333 | 1.8333 | 9.99 | 0.09 |
| 6/7/94 | 10 | 27.9167 | 1.9167 | 9.99 | 0.09 |
| 6/7/94 | 10 | 28 | 2 | 9.98 | 0.08 |
| 6/7/94 | 10 | 28.5 | 2.5 | 9.95 | 0.05 |
| 6/7/94 | 10 | 29 | 3 | 9.93 | 0.03 |
| 6/7/94 | 10 | 29.5 | 3.5 | 9.92 | 0.02 |
| 6/7/94 | 10 | 30 | 4 | 9.91 | 0.01 |
| 6/7/94 | 10 | 30.5 | 4.5 | 9.91 | 0.01 |
| 6/7/94 | 10 | 31 | 5 | 9.91 | 0.01 |
| 6/7/94 | 10 | 31.5 | 5.5 | 9.9 | 0 |
| 6/7/94 | 10 | 32 | 6 | 9.9 | 0 |
| 6/7/94 | 10 | 32.5 | 6.5 | 9.9 | 0 |
| 6/7/94 | 10 | 33 | 7 | 9.9 | 0 |
| 6/7/94 | 10 | 33.5 | 7.5 | 9.9 | 0 |
| 6/7/94 | 10 | 34 | 8 | 9.9 | 0 |
| 6/7/94 | 10 | 34.5 | 8.5 | 9.9 | 0 |
| 6/7/94 | 10 | 35 | 9 | 9.9 | 0 |
| 6/7/94 | 10 | 35.5 | 9.5 | 9.9 | 0 |
| 6/7/94 | 10 | 36 | 10 | 9.9 | 0 |
| 6/7/94 | 10 | 38 | 12 | 9.9 | 0 |
| 6/7/94 | 10 | 40 | 14 | 9.9 | 0 |
| 6/7/94 | 10 | 42 | 16 | 9.9 | 0 |
| 6/7/94 | 10 | 44 | 18 | 9.9 | 0 |
| 6/7/94 | 10 | 46 | 20 | 9.9 | 0 |
| 6/7/94 | 10 | 48 | 22 | 9.9 | 0 |

SLUG TEST M_v-31 SLUG IN



HYDRAULIC CONDUCTIVITY FOR MW-31 SLUG IN

UT VARIABLES

H = 41.24 FEET
Lw = 7.24 FEET
Le = 7.24 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 60 SEC (FROM SLUG TEST DATA)
Yt = 0.21 FEET (FROM SLUG TEST DATA)
Yo = 0.585 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 14.48 FEET
A = 2
B = 0.28

CALCULATIONS:

$$\ln(Rc/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw))/(Le/Rw)))$$
$$\ln(Rc/Rw) = 1.584102$$

$$K = ((Rc^2*\ln(Rc/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 5.19096723E-05 \text{ FT/SEC}$$

519 m 312

SLUG TEST DATA SHEET FOR MW-31 SLUG OUT

STATIC WATER LEVEL (HO)

(HO) = 9.9 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|--------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/7/94 | 11 | 6 | 0 | 6.42 | -3.48 |
| 6/7/94 | 11 | 6.0033 | 0.0033 | 7.8 | -2.1 |
| 6/7/94 | 11 | 6.0066 | 0.0066 | 7.8 | -2.1 |
| 6/7/94 | 11 | 6.0099 | 0.0099 | 7.79 | -2.11 |
| 6/7/94 | 11 | 6.0133 | 0.0133 | 7.82 | -2.08 |
| 6/7/94 | 11 | 6.0166 | 0.0166 | 7.87 | -2.03 |
| 6/7/94 | 11 | 6.02 | 0.02 | 7.91 | -1.99 |
| 6/7/94 | 11 | 6.0233 | 0.0233 | 7.96 | -1.94 |
| 6/7/94 | 11 | 6.0266 | 0.0266 | 8.02 | -1.88 |
| 6/7/94 | 11 | 6.03 | 0.03 | 8.07 | -1.83 |
| 6/7/94 | 11 | 6.0333 | 0.0333 | 8.11 | -1.79 |
| 6/7/94 | 11 | 6.05 | 0.05 | 8.3 | -1.6 |
| 6/7/94 | 11 | 6.0666 | 0.0666 | 8.47 | -1.43 |
| 6/7/94 | 11 | 6.0833 | 0.0833 | 8.64 | -1.26 |
| 6/7/94 | 11 | 6.1 | 0.1 | 8.77 | -1.13 |
| 6/7/94 | 11 | 6.1166 | 0.1166 | 8.88 | -1.02 |
| 6/7/94 | 11 | 6.1333 | 0.1333 | 8.97 | -0.93 |
| 6/7/94 | 11 | 6.15 | 0.15 | 9.05 | -0.85 |
| 6/7/94 | 11 | 6.1666 | 0.1666 | 9.11 | -0.79 |
| 6/7/94 | 11 | 6.1833 | 0.1833 | 9.16 | -0.74 |
| 6/7/94 | 11 | 6.2 | 0.2 | 9.2 | -0.7 |
| 6/7/94 | 11 | 6.2166 | 0.2166 | 9.24 | -0.66 |
| 6/7/94 | 11 | 6.2333 | 0.2333 | 9.26 | -0.64 |
| 6/7/94 | 11 | 6.25 | 0.25 | 9.29 | -0.61 |
| 6/7/94 | 11 | 6.2666 | 0.2666 | 9.32 | -0.58 |
| 6/7/94 | 11 | 6.2833 | 0.2833 | 9.33 | -0.57 |
| 6/7/94 | 11 | 6.3 | 0.3 | 9.35 | -0.55 |
| 6/7/94 | 11 | 6.3166 | 0.3166 | 9.37 | -0.53 |
| 6/7/94 | 11 | 6.3333 | 0.3333 | 9.39 | -0.51 |
| 6/7/94 | 11 | 6.4167 | 0.4167 | 9.45 | -0.45 |
| 6/7/94 | 11 | 6.5 | 0.5 | 9.5 | -0.4 |
| 6/7/94 | 11 | 6.5833 | 0.5833 | 9.54 | -0.36 |
| 6/7/94 | 11 | 6.6667 | 0.6667 | 9.58 | -0.32 |
| 6/7/94 | 11 | 6.75 | 0.75 | 9.61 | -0.29 |
| 6/7/94 | 11 | 6.8333 | 0.8333 | 9.64 | -0.26 |
| 6/7/94 | 11 | 6.9167 | 0.9167 | 9.66 | -0.24 |

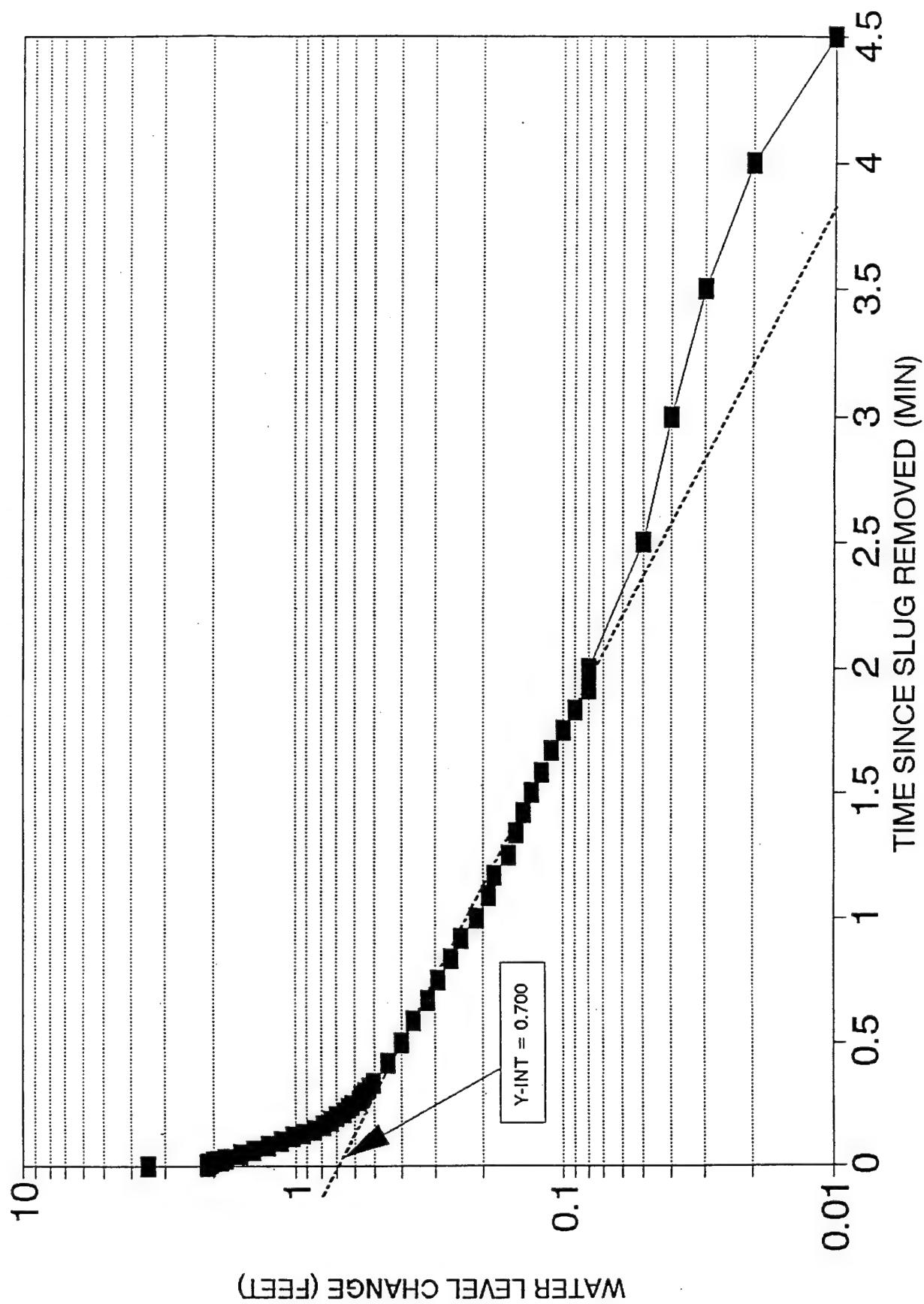
SLUG TEST DATA SHEET FOR MW-31 SLUG OUT

STATIC WATER LEVEL (HO)

(HO) = 9.9 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|--------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/7/94 | 11 | 7 | 1 | 9.69 | -0.21 |
| 6/7/94 | 11 | 7.0833 | 1.0833 | 9.71 | -0.19 |
| 6/7/94 | 11 | 7.1667 | 1.1667 | 9.72 | -0.18 |
| 6/7/94 | 11 | 7.25 | 1.25 | 9.74 | -0.16 |
| 6/7/94 | 11 | 7.3333 | 1.3333 | 9.75 | -0.15 |
| 6/7/94 | 11 | 7.4166 | 1.4166 | 9.76 | -0.14 |
| 6/7/94 | 11 | 7.5 | 1.5 | 9.77 | -0.13 |
| 6/7/94 | 11 | 7.5833 | 1.5833 | 9.78 | -0.12 |
| 6/7/94 | 11 | 7.6667 | 1.6667 | 9.79 | -0.11 |
| 6/7/94 | 11 | 7.75 | 1.75 | 9.8 | -0.1 |
| 6/7/94 | 11 | 7.8333 | 1.8333 | 9.81 | -0.09 |
| 6/7/94 | 11 | 7.9167 | 1.9167 | 9.82 | -0.08 |
| 6/7/94 | 11 | 8 | 2 | 9.82 | -0.08 |
| 7/94 | 11 | 8.5 | 2.5 | 9.85 | -0.05 |
| 6/7/94 | 11 | 9 | 3 | 9.86 | -0.04 |
| 6/7/94 | 11 | 9.5 | 3.5 | 9.87 | -0.03 |
| 6/7/94 | 11 | 10 | 4 | 9.88 | -0.02 |
| 6/7/94 | 11 | 10.5 | 4.5 | 9.89 | -0.01 |
| 6/7/94 | 11 | 11 | 5 | 9.89 | -0.01 |
| 6/7/94 | 11 | 11.5 | 5.5 | 9.89 | -0.01 |
| 6/7/94 | 11 | 12 | 6 | 9.89 | -0.01 |
| 6/7/94 | 11 | 12.5 | 6.5 | 9.89 | -0.01 |
| 6/7/94 | 11 | 13 | 7 | 9.9 | 0 |
| 6/7/94 | 11 | 13.5 | 7.5 | 9.9 | 0 |
| 6/7/94 | 11 | 14 | 8 | 9.9 | 0 |
| 6/7/94 | 10 | 14.5 | 8.5 | 9.9 | 0 |
| 6/7/94 | 10 | 15 | 9 | 9.9 | 0 |
| 6/7/94 | 10 | 15.5 | 9.5 | 9.89 | -0.01 |
| 6/7/94 | 10 | 16 | 10 | 9.9 | 0 |
| 6/7/94 | 10 | 18 | 12 | 9.9 | 0 |
| 6/7/94 | 10 | 20 | 14 | 9.9 | 0 |

SLUG TEST MW-31 SLUG OUT



HYDRAULIC CONDUCTIVITY FOR MW-31 SLUG OUT

JT VARIABLES

H = 41.24 FEET
Lw = 7.24 FEET
Le = 7.24 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 60 SEC (FROM SLUG TEST DATA)
Yt = 0.21 FEET (FROM SLUG TEST DATA)
Yo = 0.7 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 14.48 FEET
A = 2
B = 0.28

CALCULATIONS:

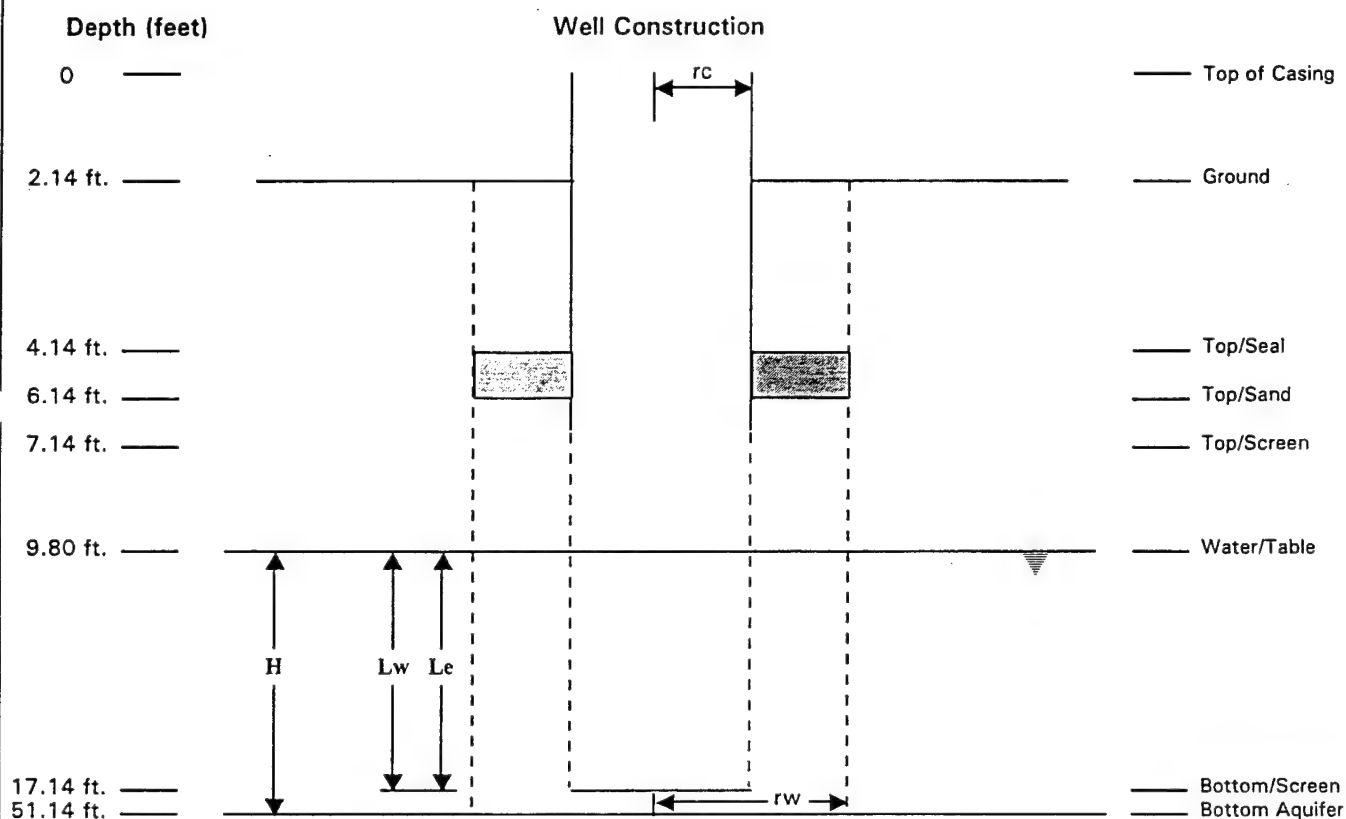
$$\ln (Re/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw)))/(Le/Rw)))$$
$$\ln (Re/Rw) = 1.584102$$

$$K = ((Rc^2*\ln(Re/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 6.10029970E-05 \text{ FT/SEC}$$

Hydraulic Conductivity Calculations

| | | |
|---------------------------------------|-------------------|---------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Computed by: DFP Checked by: |
| Project Number: 931976-03 | Well Number: MW31 | Date Completed: 05/03/95 |

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 41.34 feet
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 7.34 feet
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 10 feet
- rc = Inside Radius of Well Casing = 0.17 feet
- rw = Radius of Well Developed Zone (Borehole) = 0.50 feet

SLUG TEST DATA SHEET FOR MW31: SLUG IN

STATIC WATER LEVEL (H0) = 9.80 FT.

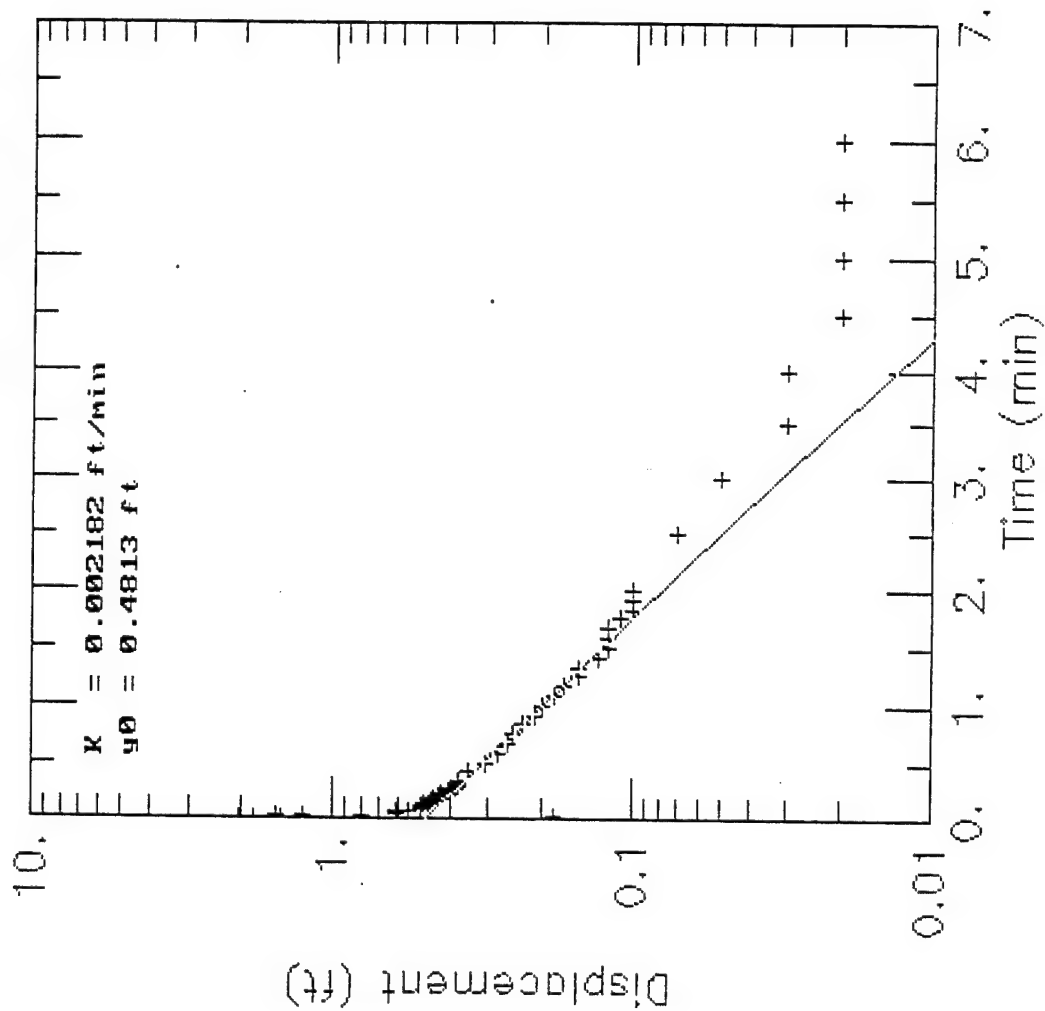
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|-------------|-------------|--------|
| | | | SLUG INTRO/ | (FT. BELOW | LEVEL |
| | | | REMOVED | DATUM) | CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 9 | 33 | 0 | 9.80 | 0.00 |
| 4/27/95 | 9 | 33.0033 | 0.0033 | 7.77 | 2.03 |
| 4/27/95 | 9 | 33.0066 | 0.0066 | 9.23 | 0.57 |
| 4/27/95 | 9 | 33.0099 | 0.0099 | 8.32 | 1.48 |
| 4/27/95 | 9 | 33.0133 | 0.0133 | 9.10 | 0.70 |
| 4/27/95 | 9 | 33.0166 | 0.0166 | 9.31 | 0.49 |
| 4/27/95 | 9 | 33.02 | 0.02 | 7.99 | 1.81 |
| 4/27/95 | 9 | 33.0233 | 0.0233 | 8.55 | 1.25 |
| 4/27/95 | 9 | 33.0266 | 0.0266 | 8.26 | 1.54 |
| 4/27/95 | 9 | 33.03 | 0.03 | 9.00 | 0.80 |
| 4/27/95 | 9 | 33.0333 | 0.0333 | 9.62 | 0.18 |
| 4/27/95 | 9 | 33.05 | 0.05 | 9.19 | 0.61 |
| 4/27/95 | 9 | 33.0666 | 0.0666 | 9.19 | 0.61 |
| 4/27/95 | 9 | 33.0833 | 0.0833 | 9.25 | 0.55 |
| 4/27/95 | 9 | 33.1 | 0.1 | 9.30 | 0.50 |
| 4/27/95 | 9 | 33.1166 | 0.1166 | 9.30 | 0.50 |
| 4/27/95 | 9 | 33.1333 | 0.1333 | 9.31 | 0.49 |
| 4/27/95 | 9 | 33.15 | 0.15 | 9.32 | 0.48 |
| 4/27/95 | 9 | 33.1666 | 0.1666 | 9.33 | 0.47 |
| 4/27/95 | 9 | 33.1833 | 0.1833 | 9.34 | 0.46 |
| 4/27/95 | 9 | 33.2 | 0.2 | 9.36 | 0.44 |
| 4/27/95 | 9 | 33.2166 | 0.2166 | 9.37 | 0.43 |
| 4/27/95 | 9 | 33.2333 | 0.2333 | 9.37 | 0.43 |
| 4/27/95 | 9 | 33.25 | 0.25 | 9.39 | 0.41 |
| 4/27/95 | 9 | 33.2666 | 0.2666 | 9.40 | 0.40 |
| 4/27/95 | 9 | 33.2833 | 0.2833 | 9.41 | 0.39 |
| 4/27/95 | 9 | 33.3 | 0.3 | 9.42 | 0.38 |
| 4/27/95 | 9 | 33.3166 | 0.3166 | 9.42 | 0.38 |
| 4/27/95 | 9 | 33.3333 | 0.3333 | 9.42 | 0.38 |
| 4/27/95 | 9 | 33.4167 | 0.4167 | 9.45 | 0.35 |
| 4/27/95 | 9 | 33.5 | 0.5 | 9.49 | 0.31 |
| 4/27/95 | 9 | 33.5833 | 0.5833 | 9.52 | 0.28 |
| 4/27/95 | 9 | 33.6667 | 0.6667 | 9.54 | 0.26 |
| 4/27/95 | 9 | 33.75 | 0.75 | 9.55 | 0.25 |
| 4/27/95 | 9 | 33.8333 | 0.8333 | 9.57 | 0.23 |
| 4/27/95 | 9 | 33.9167 | 0.9167 | 9.59 | 0.21 |

SLUG TEST DATA SHEET FOR MW31: SLUG IN

STATIC WATER LEVEL (H0) = 9.80 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 9 | 34 | 1 | 9.60 | 0.20 |
| 4/27/95 | 9 | 34.0833 | 1.0833 | 9.62 | 0.18 |
| 4/27/95 | 9 | 34.1667 | 1.1667 | 9.63 | 0.17 |
| 4/27/95 | 9 | 34.25 | 1.25 | 9.65 | 0.15 |
| 4/27/95 | 9 | 34.3333 | 1.3333 | 9.65 | 0.15 |
| 4/27/95 | 9 | 34.4166 | 1.4166 | 9.67 | 0.13 |
| 4/27/95 | 9 | 34.5 | 1.5 | 9.68 | 0.12 |
| 4/27/95 | 9 | 34.5833 | 1.5833 | 9.68 | 0.12 |
| 4/27/95 | 9 | 34.6667 | 1.6667 | 9.68 | 0.12 |
| 4/27/95 | 9 | 34.75 | 1.75 | 9.69 | 0.11 |
| 4/27/95 | 9 | 34.8333 | 1.8333 | 9.70 | 0.10 |
| 4/27/95 | 9 | 34.9167 | 1.9167 | 9.70 | 0.10 |
| 4/27/95 | 9 | 35 | 2 | 9.70 | 0.10 |
| 4/27/95 | 9 | 35.5 | 2.5 | 9.73 | 0.07 |
| 4/27/95 | 9 | 36 | 3 | 9.75 | 0.05 |
| 4/27/95 | 9 | 36.5 | 3.5 | 9.77 | 0.03 |
| 4/27/95 | 9 | 37 | 4 | 9.77 | 0.03 |
| 4/27/95 | 9 | 37.5 | 4.5 | 9.78 | 0.02 |
| 4/27/95 | 9 | 38 | 5 | 9.78 | 0.02 |
| 4/27/95 | 9 | 38.5 | 5.5 | 9.78 | 0.02 |
| 4/27/95 | 9 | 39 | 6 | 9.78 | 0.02 |
| 4/27/95 | 9 | 39.5 | 6.5 | 9.79 | 0.01 |
| 4/27/95 | 9 | 40 | 7 | 9.79 | 0.01 |
| 4/27/95 | 9 | 40.5 | 7.5 | 9.79 | 0.01 |
| 4/27/95 | 9 | 41 | 8 | 9.79 | 0.01 |
| 4/27/95 | 9 | 41.5 | 8.5 | 9.79 | 0.01 |
| 4/27/95 | 9 | 42 | 9 | 9.80 | 0.00 |
| 4/27/95 | 9 | 42.5 | 9.5 | 9.80 | 0.00 |
| 4/27/95 | 9 | 43 | 10 | 9.80 | 0.00 |
| 4/27/95 | 9 | 44 | 11 | 9.80 | 0.00 |

MW31 SLUG TEST: SLUG IN



SLUG TEST DATA SHEET FOR MW31: SLUG OUT

STATIC WATER LEVEL (H0) = 9.80 FT.

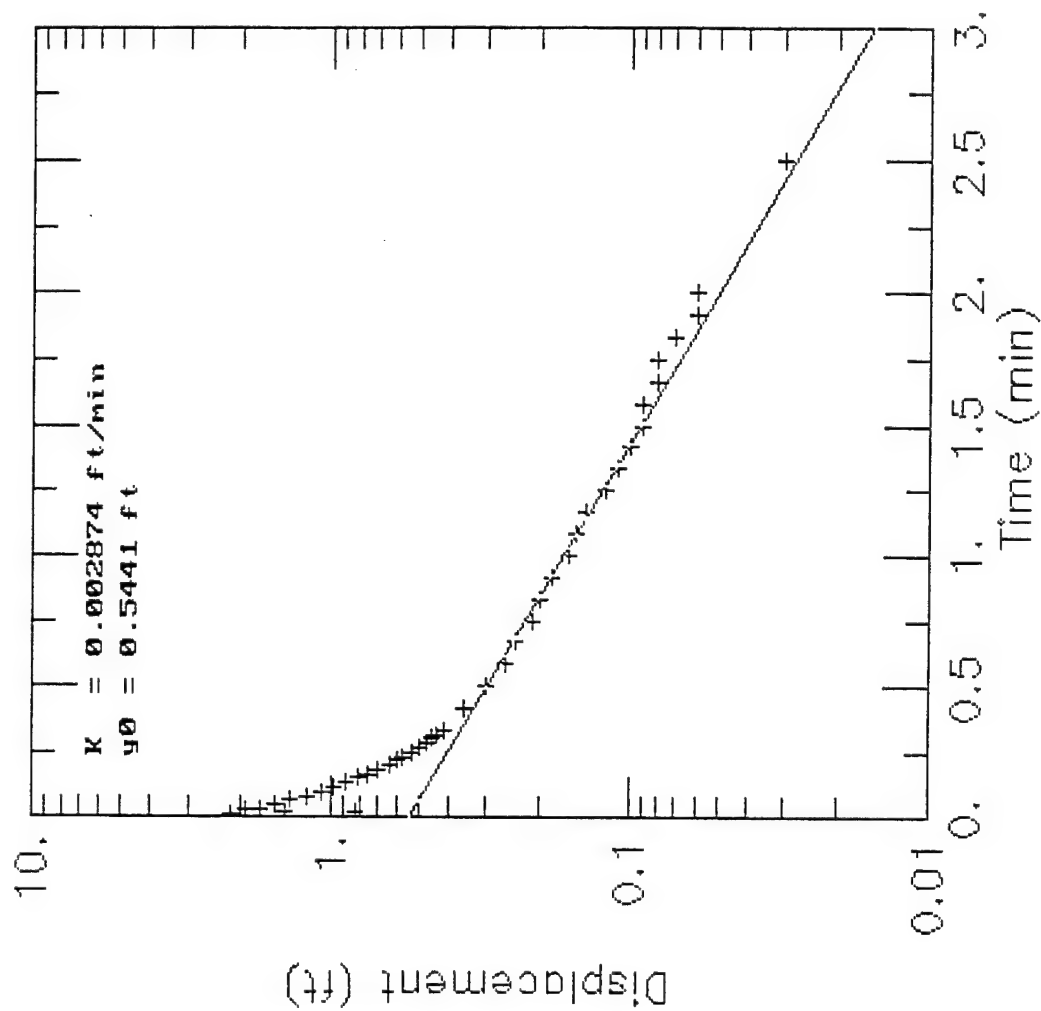
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|--------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL |
| | | | (MIN) | H | CHANGE |
| DATE | HOUR | MINUTE | | | H0-H |
| 4/27/95 | 12 | 14 | 0 | 9.80 | 0.00 |
| 4/27/95 | 12 | 14.0033 | 0.0033 | 9.80 | 0.00 |
| 4/27/95 | 12 | 14.0066 | 0.0066 | 9.69 | 0.11 |
| 4/27/95 | 12 | 14.0099 | 0.0099 | 9.79 | 0.01 |
| 4/27/95 | 12 | 14.0133 | 0.0133 | 10.46 | -0.66 |
| 4/27/95 | 12 | 14.0166 | 0.0166 | 11.94 | -2.14 |
| 4/27/95 | 12 | 14.02 | 0.02 | 10.33 | -0.53 |
| 4/27/95 | 12 | 14.0233 | 0.0233 | 10.63 | -0.83 |
| 4/27/95 | 12 | 14.0266 | 0.0266 | 11.23 | -1.43 |
| 4/27/95 | 12 | 14.03 | 0.03 | 11.72 | -1.92 |
| 4/27/95 | 12 | 14.0333 | 0.0333 | 11.51 | -1.71 |
| 4/27/95 | 12 | 14.05 | 0.05 | 11.33 | -1.53 |
| 4/27/95 | 12 | 14.0666 | 0.0666 | 11.16 | -1.36 |
| 4/27/95 | 12 | 14.0833 | 0.0833 | 11.01 | -1.21 |
| 4/27/95 | 12 | 14.1 | 0.1 | 10.88 | -1.08 |
| 4/27/95 | 12 | 14.1166 | 0.1166 | 10.78 | -0.98 |
| 4/27/95 | 12 | 14.1333 | 0.1333 | 10.69 | -0.89 |
| 4/27/95 | 12 | 14.15 | 0.15 | 10.61 | -0.81 |
| 4/27/95 | 12 | 14.1666 | 0.1666 | 10.55 | -0.75 |
| 4/27/95 | 12 | 14.1833 | 0.1833 | 10.49 | -0.69 |
| 4/27/95 | 12 | 14.2 | 0.2 | 10.43 | -0.63 |
| 4/27/95 | 12 | 14.2166 | 0.2166 | 10.40 | -0.60 |
| 4/27/95 | 12 | 14.2333 | 0.2333 | 10.37 | -0.57 |
| 4/27/95 | 12 | 14.25 | 0.25 | 10.33 | -0.53 |
| 4/27/95 | 12 | 14.2666 | 0.2666 | 10.30 | -0.50 |
| 4/27/95 | 12 | 14.2833 | 0.2833 | 10.28 | -0.48 |
| 4/27/95 | 12 | 14.3 | 0.3 | 10.26 | -0.46 |
| 4/27/95 | 12 | 14.3166 | 0.3166 | 10.24 | -0.44 |
| 4/27/95 | 12 | 14.3333 | 0.3333 | 10.22 | -0.42 |
| 4/27/95 | 12 | 14.4167 | 0.4167 | 10.16 | -0.36 |
| 4/27/95 | 12 | 14.5 | 0.5 | 10.10 | -0.30 |
| 4/27/95 | 12 | 14.5833 | 0.5833 | 10.06 | -0.26 |
| 4/27/95 | 12 | 14.6667 | 0.6667 | 10.04 | -0.24 |
| 4/27/95 | 12 | 14.75 | 0.75 | 10.01 | -0.21 |
| 4/27/95 | 12 | 14.8333 | 0.8333 | 10.00 | -0.20 |
| 4/27/95 | 12 | 14.9167 | 0.9167 | 9.98 | -0.18 |

SLUG TEST DATA SHEET FOR MW31: SLUG OUT

STATIC WATER LEVEL (H0) = 9.80 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|-------------|-------------|--------|
| | | | SLUG INTRO/ | (FT. BELOW | LEVEL |
| | | | REMOVED | DATUM) | CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 12 | 15 | 1 | 9.96 | -0.16 |
| 4/27/95 | 12 | 15.0833 | 1.0833 | 9.95 | -0.15 |
| 4/27/95 | 12 | 15.1667 | 1.1667 | 9.94 | -0.14 |
| 4/27/95 | 12 | 15.25 | 1.25 | 9.92 | -0.12 |
| 4/27/95 | 12 | 15.3333 | 1.3333 | 9.91 | -0.11 |
| 4/27/95 | 12 | 15.4166 | 1.4166 | 9.90 | -0.10 |
| 4/27/95 | 12 | 15.5 | 1.5 | 9.89 | -0.09 |
| 4/27/95 | 12 | 15.5833 | 1.5833 | 9.89 | -0.09 |
| 4/27/95 | 12 | 15.6667 | 1.6667 | 9.88 | -0.08 |
| 4/27/95 | 12 | 15.75 | 1.75 | 9.88 | -0.08 |
| 4/27/95 | 12 | 15.8333 | 1.8333 | 9.87 | -0.07 |
| 4/27/95 | 12 | 15.9167 | 1.9167 | 9.86 | -0.06 |
| 4/27/95 | 12 | 16 | 2 | 9.86 | -0.06 |
| 4/27/95 | 12 | 16.5 | 2.5 | 9.83 | -0.03 |
| 4/27/95 | 12 | 17 | 3 | 9.81 | -0.01 |
| 4/27/95 | 12 | 17.5 | 3.5 | 9.80 | 0.00 |
| 4/27/95 | 12 | 18 | 4 | 9.80 | 0.00 |
| 4/27/95 | 12 | 18.5 | 4.5 | 9.80 | 0.00 |
| 4/27/95 | 12 | 19 | 5 | 9.80 | 0.00 |
| 4/27/95 | 12 | 19.5 | 5.5 | 9.80 | 0.00 |
| 4/27/95 | 12 | 20 | 6 | 9.80 | 0.00 |
| 4/27/95 | 12 | 20.5 | 6.5 | 9.80 | 0.00 |
| 4/27/95 | 12 | 21 | 7 | 9.80 | 0.00 |
| 4/27/95 | 12 | 21.5 | 7.5 | 9.80 | 0.00 |
| 4/27/95 | 12 | 22 | 8 | 9.80 | 0.00 |
| 4/27/95 | 12 | 22.5 | 8.5 | 9.80 | 0.00 |
| 4/27/95 | 12 | 23 | 9 | 9.80 | 0.00 |
| 4/27/95 | 12 | 23.5 | 9.5 | 9.80 | 0.00 |
| 4/27/95 | 12 | 24 | 10 | 9.80 | 0.00 |

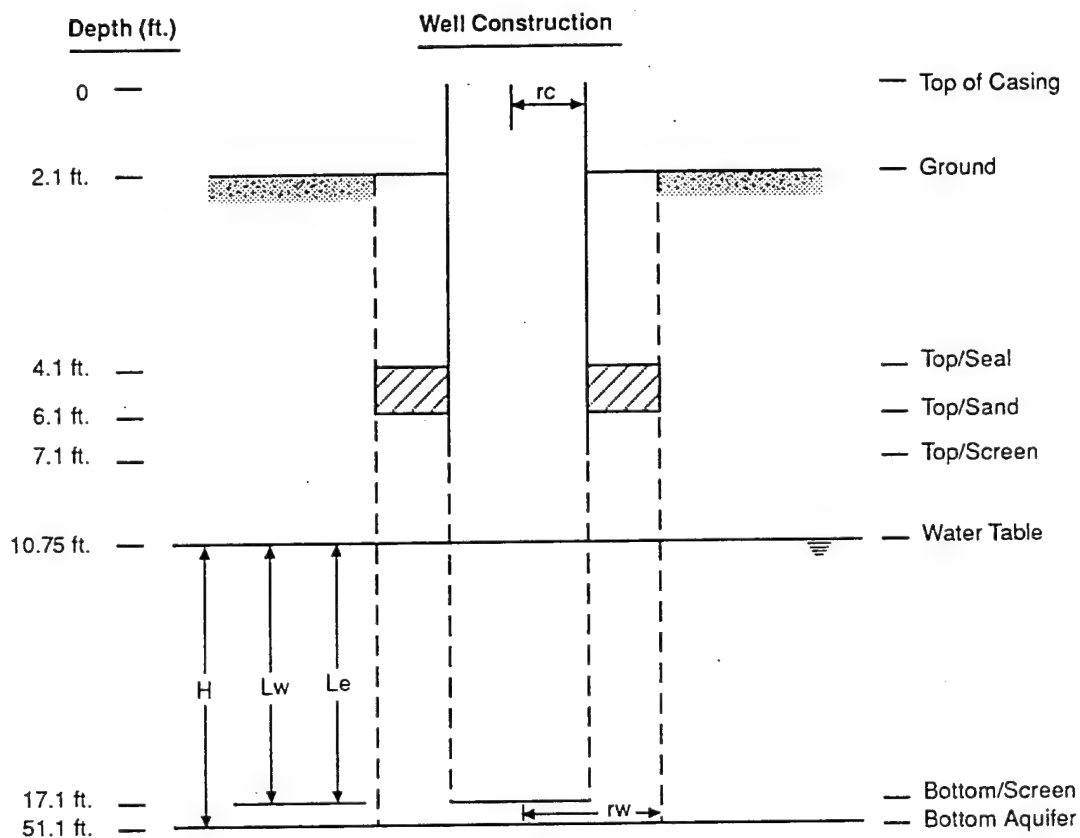
MW31 SLUG TEST: SLUG OUT



HYDRAULIC CONDUCTIVITY CALCULATIONS

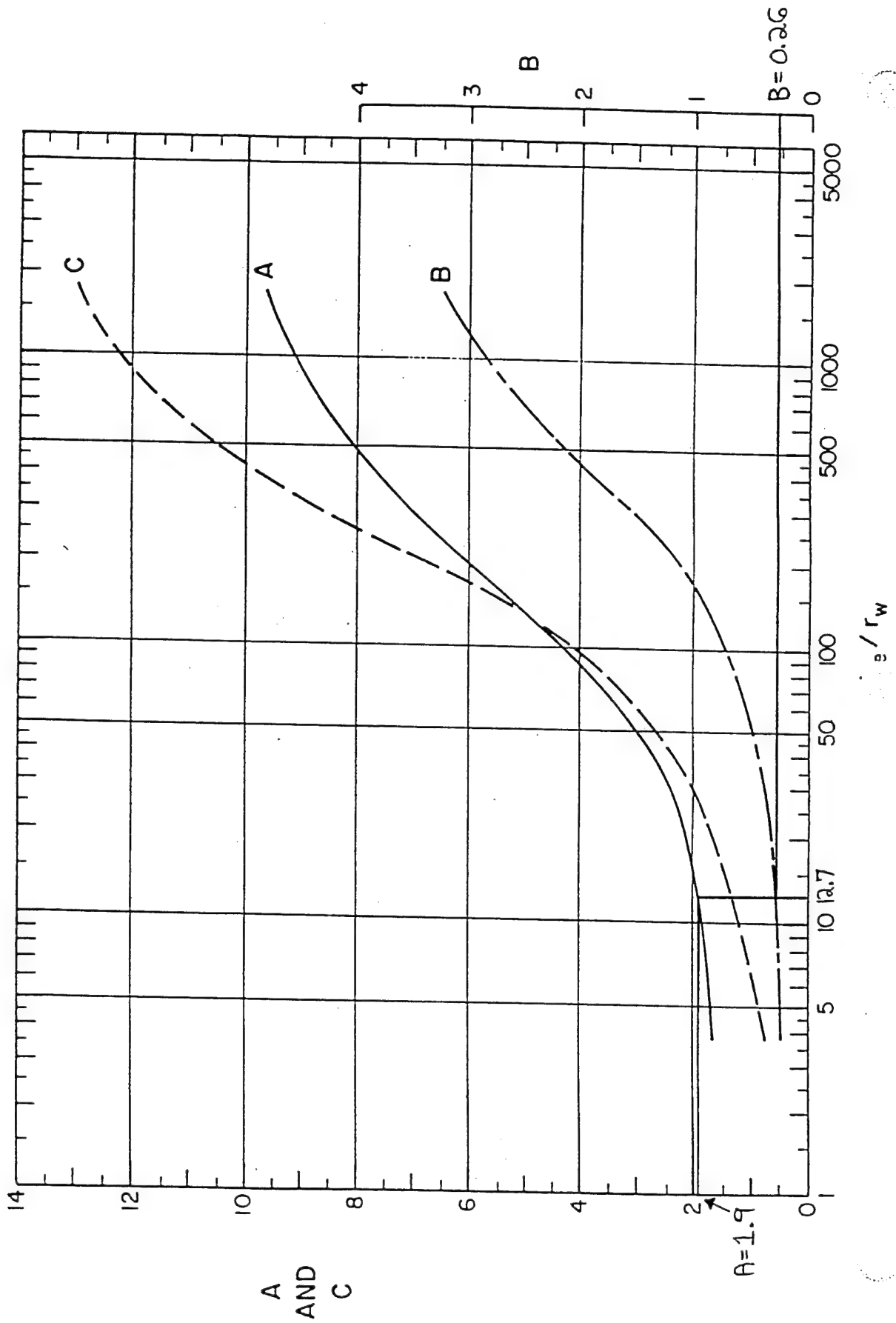
| | | |
|---------------------------------------|---------------------|------------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Computed By: KMS Checked By: CL |
| Project Number: 931976-03 | Well Number: MW32 S | Date Completed: 6-7-94 |

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 40.35 ft.
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 6.35 ft.
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 6.35 ft.
- rc = Inside Radius of Well Casing = 0.1667 ft.
- rw = Radius of Well Developed Zone (Borehole) = 0.5 ft.
- Le/rw = 12.7
- A = From Attached Curve = 1.90
- B = From Attached Curve = 0.26
- C = Not Applicable



SLUG 3251

SLUG IN

SLUG TEST DATA SHEET FOR MW-32S SLUG IN

STATIC WATER LEVEL (HO)
 (HO) = 10.75 FT TOC

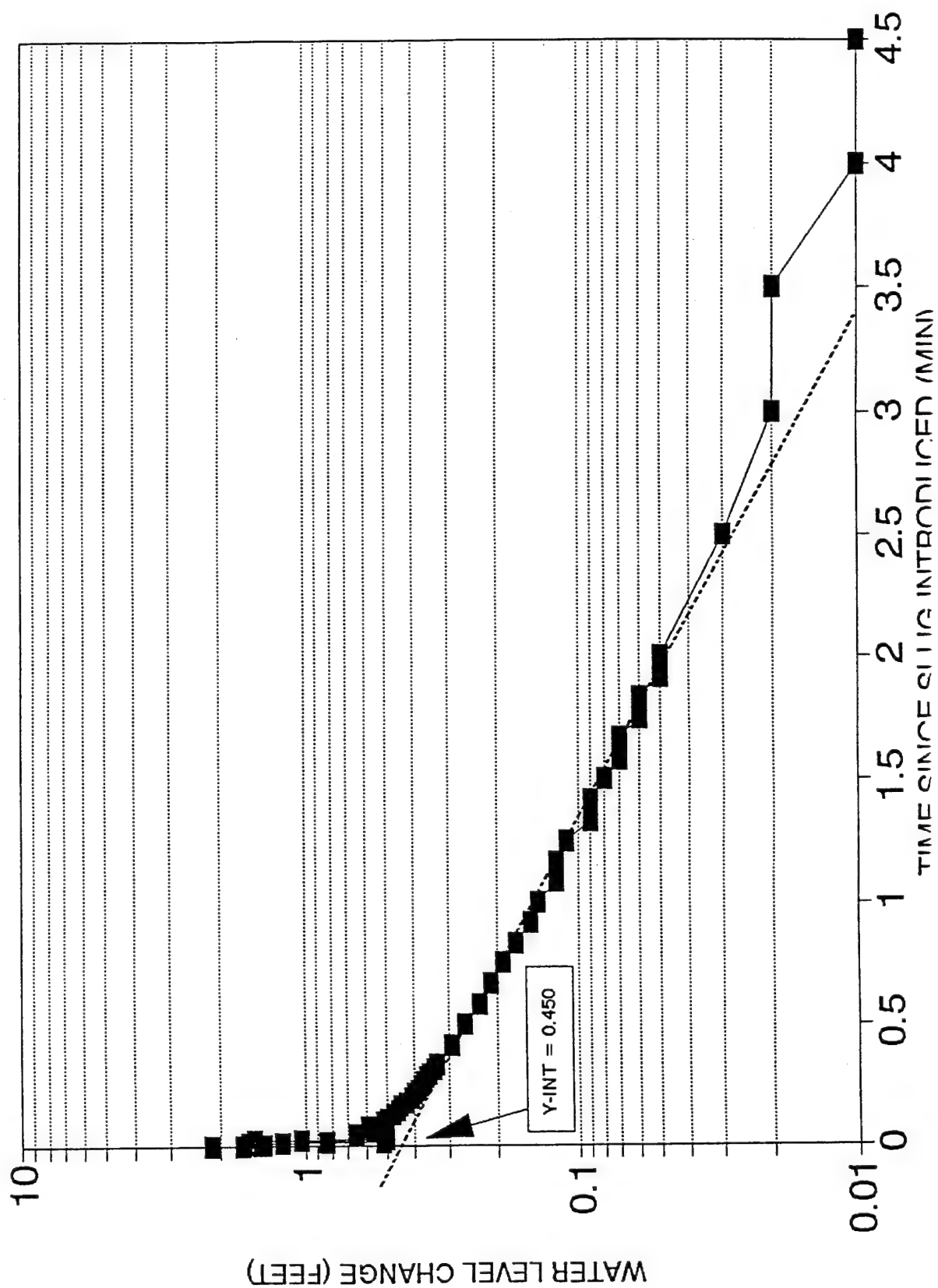
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/7/94 | 11 | 42 | 0 | 12.88 | 2.13 |
| 6/7/94 | 11 | 42.0033 | 0.0033 | 12.43 | 1.68 |
| 6/7/94 | 11 | 42.0066 | 0.0066 | 12.15 | 1.4 |
| 6/7/94 | 11 | 42.0099 | 0.0099 | 12.19 | 1.44 |
| 6/7/94 | 11 | 42.0133 | 0.0133 | 12.35 | 1.6 |
| 6/7/94 | 11 | 42.0166 | 0.0166 | 11.96 | 1.21 |
| 6/7/94 | 11 | 42.02 | 0.02 | 11.59 | 0.84 |
| 6/7/94 | 11 | 42.0233 | 0.0233 | 11.27 | 0.52 |
| 6/7/94 | 11 | 42.0266 | 0.0266 | 11.78 | 1.03 |
| 6/7/94 | 11 | 42.03 | 0.03 | 12.26 | 1.51 |
| 6/7/94 | 11 | 42.0333 | 0.0333 | 11.25 | 0.5 |
| 6/7/94 | 11 | 42.05 | 0.05 | 11.4 | 0.65 |
| 6/7/94 | 11 | 42.0666 | 0.0666 | 11.32 | 0.57 |
| 6/7/94 | 11 | 42.0833 | 0.0833 | 11.34 | 0.59 |
| 6/7/94 | 11 | 42.1 | 0.1 | 11.27 | 0.52 |
| 6/7/94 | 11 | 42.1166 | 0.1166 | 11.25 | 0.5 |
| 6/7/94 | 11 | 42.1333 | 0.1333 | 11.23 | 0.48 |
| 6/7/94 | 11 | 42.15 | 0.15 | 11.21 | 0.46 |
| 6/7/94 | 11 | 42.1666 | 0.1666 | 11.2 | 0.45 |
| 6/7/94 | 11 | 42.1833 | 0.1833 | 11.18 | 0.43 |
| 6/7/94 | 11 | 42.2 | 0.2 | 11.16 | 0.41 |
| 6/7/94 | 11 | 42.2166 | 0.2166 | 11.15 | 0.4 |
| 6/7/94 | 11 | 42.2333 | 0.2333 | 11.14 | 0.39 |
| 6/7/94 | 11 | 42.25 | 0.25 | 11.13 | 0.38 |
| 6/7/94 | 11 | 42.2666 | 0.2666 | 11.12 | 0.37 |
| 6/7/94 | 11 | 42.2833 | 0.2833 | 11.11 | 0.36 |
| 6/7/94 | 11 | 42.3 | 0.3 | 11.1 | 0.35 |
| 6/7/94 | 11 | 42.3166 | 0.3166 | 11.09 | 0.34 |
| 6/7/94 | 11 | 42.3333 | 0.3333 | 11.08 | 0.33 |
| 6/7/94 | 11 | 42.4167 | 0.4167 | 11.04 | 0.29 |
| 6/7/94 | 11 | 42.5 | 0.5 | 11.01 | 0.26 |
| 6/7/94 | 11 | 42.5833 | 0.5833 | 10.98 | 0.23 |
| 6/7/94 | 11 | 42.6667 | 0.6667 | 10.96 | 0.21 |
| 6/7/94 | 11 | 42.75 | 0.75 | 10.94 | 0.19 |
| 6/7/94 | 11 | 42.8333 | 0.8333 | 10.92 | 0.17 |
| 6/7/94 | 11 | 42.9167 | 0.9167 | 10.9 | 0.15 |

SLUG TEST DATA SHEET FOR MW-32S SLUG IN

STATIC WATER LEVEL (H0)
(H0) = 10.75 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 11 | 43 | 1 | 10.89 | 0.14 |
| 6/7/94 | 11 | 43.0833 | 1.0833 | 10.87 | 0.12 |
| 6/7/94 | 11 | 43.1667 | 1.1667 | 10.87 | 0.12 |
| 6/7/94 | 11 | 43.25 | 1.25 | 10.86 | 0.11 |
| 6/7/94 | 11 | 43.3333 | 1.3333 | 10.84 | 0.09 |
| 6/7/94 | 11 | 43.4166 | 1.4166 | 10.84 | 0.09 |
| 6/7/94 | 11 | 43.5 | 1.5 | 10.83 | 0.08 |
| 6/7/94 | 11 | 43.5833 | 1.5833 | 10.82 | 0.07 |
| 6/7/94 | 11 | 43.6667 | 1.6667 | 10.82 | 0.07 |
| 6/7/94 | 11 | 43.75 | 1.75 | 10.81 | 0.06 |
| 6/7/94 | 11 | 43.8333 | 1.8333 | 10.81 | 0.06 |
| 6/7/94 | 11 | 43.9167 | 1.9167 | 10.8 | 0.05 |
| 6/7/94 | 11 | 44 | 2 | 10.8 | 0.05 |
| 7/94 | 11 | 44.5 | 2.5 | 10.78 | 0.03 |
| 6/7/94 | 11 | 45 | 3 | 10.77 | 0.02 |
| 6/7/94 | 11 | 45.5 | 3.5 | 10.77 | 0.02 |
| 6/7/94 | 11 | 46 | 4 | 10.76 | 0.01 |
| 6/7/94 | 11 | 46.5 | 4.5 | 10.76 | 0.01 |
| 6/7/94 | 11 | 47 | 5 | 10.75 | 0 |
| 6/7/94 | 11 | 47.5 | 5.5 | 10.75 | 0 |
| 6/7/94 | 11 | 48 | 6 | 10.75 | 0 |
| 6/7/94 | 11 | 48.5 | 6.5 | 10.75 | 0 |
| 6/7/94 | 11 | 49 | 7 | 10.75 | 0 |
| 6/7/94 | 11 | 49.5 | 7.5 | 10.75 | 0 |
| 6/7/94 | 11 | 50 | 8 | 10.75 | 0 |
| 6/7/94 | 11 | 50.5 | 8.5 | 10.75 | 0 |
| 6/7/94 | 11 | 51 | 9 | 10.75 | 0 |
| 6/7/94 | 11 | 51.5 | 9.5 | 10.75 | 0 |
| 6/7/94 | 11 | 52 | 10 | 10.75 | 0 |
| 6/7/94 | 11 | 54 | 12 | 10.75 | 0 |

SLUG TEST M_{VV}-32S SLUG IN



HYDRAULIC CONDUCTIVITY FOR MW-32S SLUG IN

INPUT VARIABLES

H = 40.35 FEET
Lw = 6.35 FEET
Le = 6.35 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 60 SEC (FROM SLUG TEST DATA)
Yt = 0.14 FEET (FROM SLUG TEST DATA)
Yo = 0.45 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 12.7 FEET
A = 1.9
B = 0.26

CALCULATIONS:

$$\ln (Re/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw)))/(Le/Rw)))$$
$$\ln (Re/Rw) = 1.495243$$

$$K = ((Rc^2*\ln(Re/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 6.36683917E-05 \text{ FT/SEC}$$

SLUG TEST DATA SHEET FOR MW-32S SLUG OUT

ATIC WATER LEVEL (HO)
(HO) = 10.75 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|--------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/7/94 | 12 | 0 | 0 | 8.67 | -2.08 |
| 6/7/94 | 12 | 0.0033 | 0.0033 | 8.74 | -2.01 |
| 6/7/94 | 12 | 0.0066 | 0.0066 | 8.79 | -1.96 |
| 6/7/94 | 12 | 0.0099 | 0.0099 | 8.86 | -1.89 |
| 6/7/94 | 12 | 0.0133 | 0.0133 | 8.93 | -1.82 |
| 6/7/94 | 12 | 0.0166 | 0.0166 | 9 | -1.75 |
| 6/7/94 | 12 | 0.02 | 0.02 | 9.06 | -1.69 |
| 6/7/94 | 12 | 0.0233 | 0.0233 | 9.12 | -1.63 |
| 6/7/94 | 12 | 0.0266 | 0.0266 | 9.18 | -1.57 |
| 6/7/94 | 12 | 0.03 | 0.03 | 9.24 | -1.51 |
| 6/7/94 | 12 | 0.0333 | 0.0333 | 9.28 | -1.47 |
| 6/7/94 | 12 | 0.05 | 0.05 | 9.52 | -1.23 |
| 6/7/94 | 12 | 0.0666 | 0.0666 | 9.73 | -1.02 |
| 7/94 | 12 | 0.0833 | 0.0833 | 9.86 | -0.89 |
| 6/7/94 | 12 | 0.1 | 0.1 | 9.98 | -0.77 |
| 6/7/94 | 12 | 0.1166 | 0.1166 | 10.07 | -0.68 |
| 6/7/94 | 12 | 0.1333 | 0.1333 | 10.14 | -0.61 |
| 6/7/94 | 12 | 0.15 | 0.15 | 10.19 | -0.56 |
| 6/7/94 | 12 | 0.1666 | 0.1666 | 10.24 | -0.51 |
| 6/7/94 | 12 | 0.1833 | 0.1833 | 10.27 | -0.48 |
| 6/7/94 | 12 | 0.2 | 0.2 | 10.3 | -0.45 |
| 6/7/94 | 12 | 0.2166 | 0.2166 | 10.32 | -0.43 |
| 6/7/94 | 12 | 0.2333 | 0.2333 | 10.34 | -0.41 |
| 6/7/94 | 12 | 0.25 | 0.25 | 10.36 | -0.39 |
| 6/7/94 | 12 | 0.2666 | 0.2666 | 10.37 | -0.38 |
| 6/7/94 | 12 | 0.2833 | 0.2833 | 10.38 | -0.37 |
| 6/7/94 | 12 | 0.3 | 0.3 | 10.4 | -0.35 |
| 6/7/94 | 12 | 0.3166 | 0.3166 | 10.41 | -0.34 |
| 6/7/94 | 12 | 0.3333 | 0.3333 | 10.42 | -0.33 |
| 6/7/94 | 12 | 0.4167 | 0.4167 | 10.47 | -0.28 |
| 6/7/94 | 12 | 0.5 | 0.5 | 10.5 | -0.25 |
| 6/7/94 | 12 | 0.5833 | 0.5833 | 10.54 | -0.21 |
| 6/7/94 | 12 | 0.6667 | 0.6667 | 10.56 | -0.19 |
| 6/7/94 | 12 | 0.75 | 0.75 | 10.58 | -0.17 |
| 6/7/94 | 12 | 0.8333 | 0.8333 | 10.6 | -0.15 |
| 6/7/94 | 12 | 0.9167 | 0.9167 | 10.62 | -0.13 |

K17 * 0.27
M + L

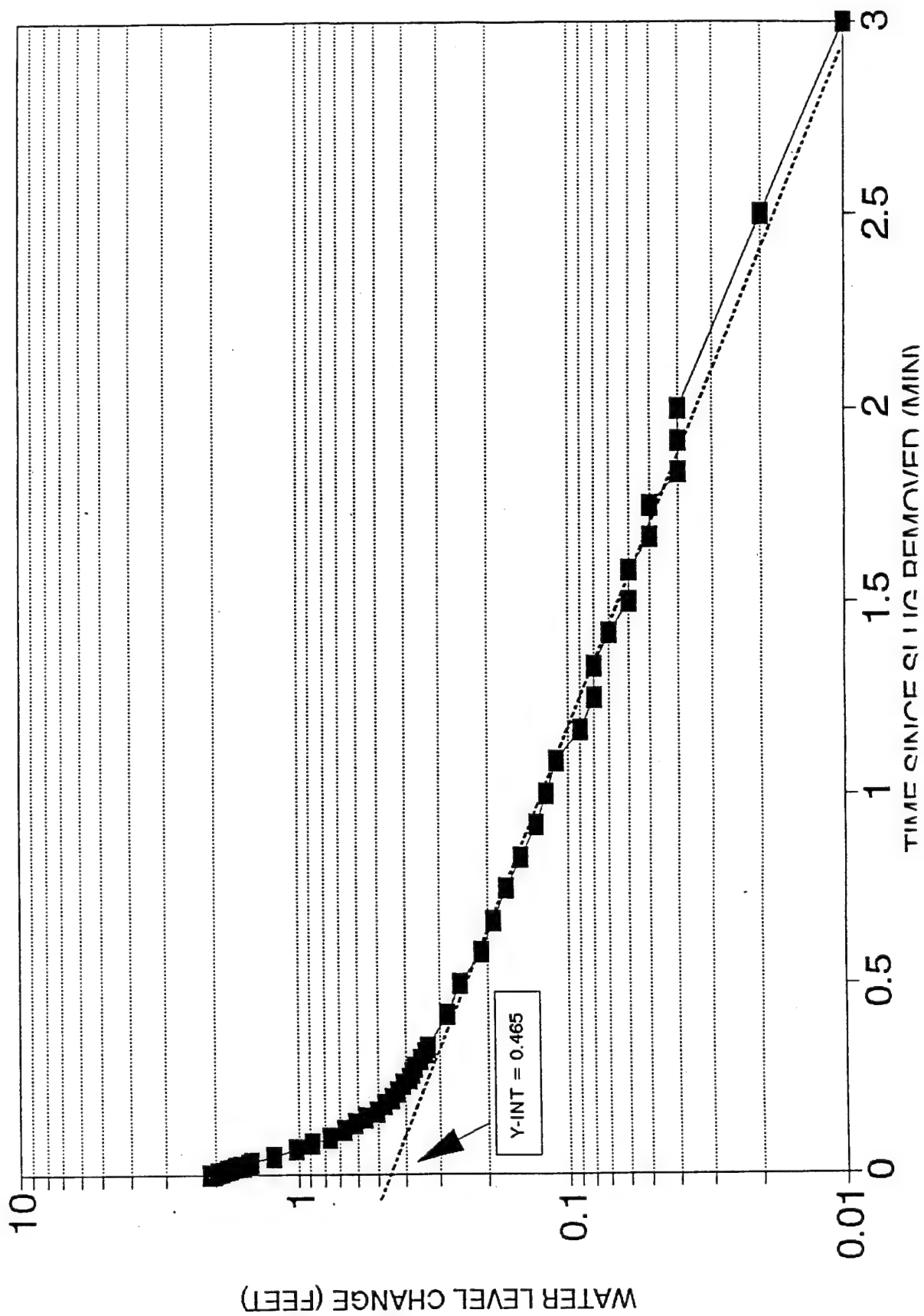
K

SLUG TEST DATA SHEET FOR MW-32S SLUG OUT

ATIC WATER LEVEL (H0)
(H0) = 10.75 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|--------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 12 | 1 | 1 | 10.63 | -0.12 |
| 6/7/94 | 12 | 1.0833 | 1.0833 | 10.64 | -0.11 |
| 6/7/94 | 12 | 1.1667 | 1.1667 | 10.66 | -0.09 |
| 6/7/94 | 12 | 1.25 | 1.25 | 10.67 | -0.08 |
| 6/7/94 | 12 | 1.3333 | 1.3333 | 10.67 | -0.08 |
| 6/7/94 | 12 | 1.4166 | 1.4166 | 10.68 | -0.07 |
| 6/7/94 | 12 | 1.5 | 1.5 | 10.69 | -0.06 |
| 6/7/94 | 12 | 1.5833 | 1.5833 | 10.69 | -0.06 |
| 6/7/94 | 12 | 1.6667 | 1.6667 | 10.7 | -0.05 |
| 6/7/94 | 12 | 1.75 | 1.75 | 10.7 | -0.05 |
| 6/7/94 | 12 | 1.8333 | 1.8333 | 10.71 | -0.04 |
| 6/7/94 | 12 | 1.9167 | 1.9167 | 10.71 | -0.04 |
| 6/7/94 | 12 | 2 | 2 | 10.71 | -0.04 |
| 6/7/94 | 12 | 2.5 | 2.5 | 10.73 | -0.02 |
| 6/7/94 | 12 | 3 | 3 | 10.74 | -0.01 |
| 6/7/94 | 12 | 3.5 | 3.5 | 10.75 | 0 |
| 6/7/94 | 12 | 4 | 4 | 10.75 | 0 |
| 6/7/94 | 12 | 4.5 | 4.5 | 10.75 | 0 |
| 6/7/94 | 12 | 5 | 5 | 10.75 | 0 |
| 6/7/94 | 12 | 5.5 | 5.5 | 10.75 | 0 |
| 6/7/94 | 12 | 6 | 6 | 10.75 | 0 |
| 6/7/94 | 12 | 6.5 | 6.5 | 10.75 | 0 |
| 6/7/94 | 12 | 7 | 7 | 10.75 | 0 |
| 6/7/94 | 12 | 7.5 | 7.5 | 10.75 | 0 |
| 6/7/94 | 12 | 8 | 8 | 10.75 | 0 |
| 6/7/94 | 12 | 8.5 | 8.5 | 10.75 | 0 |
| 6/7/94 | 12 | 9 | 9 | 10.75 | 0 |
| 6/7/94 | 12 | 9.5 | 9.5 | 10.75 | 0 |
| 6/7/94 | 12 | 10 | 10 | 10.75 | 0 |
| 6/7/94 | 12 | 12 | 12 | 10.75 | 0 |

SLUG TEST MW 32S SLUG OUT



HYDRAULIC CONDUCTIVITY FOR MW-32S SLUG OUT

JT VARIABLES

H = 40.35 FEET
Lw = 6.35 FEET
Le = 6.35 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 60 SEC (FROM SLUG TEST DATA)
Yt = 0.12 FEET (FROM SLUG TEST DATA)
Yo = 0.465 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 12.7 FEET
A = 1.9
B = 0.26

CALCULATIONS:

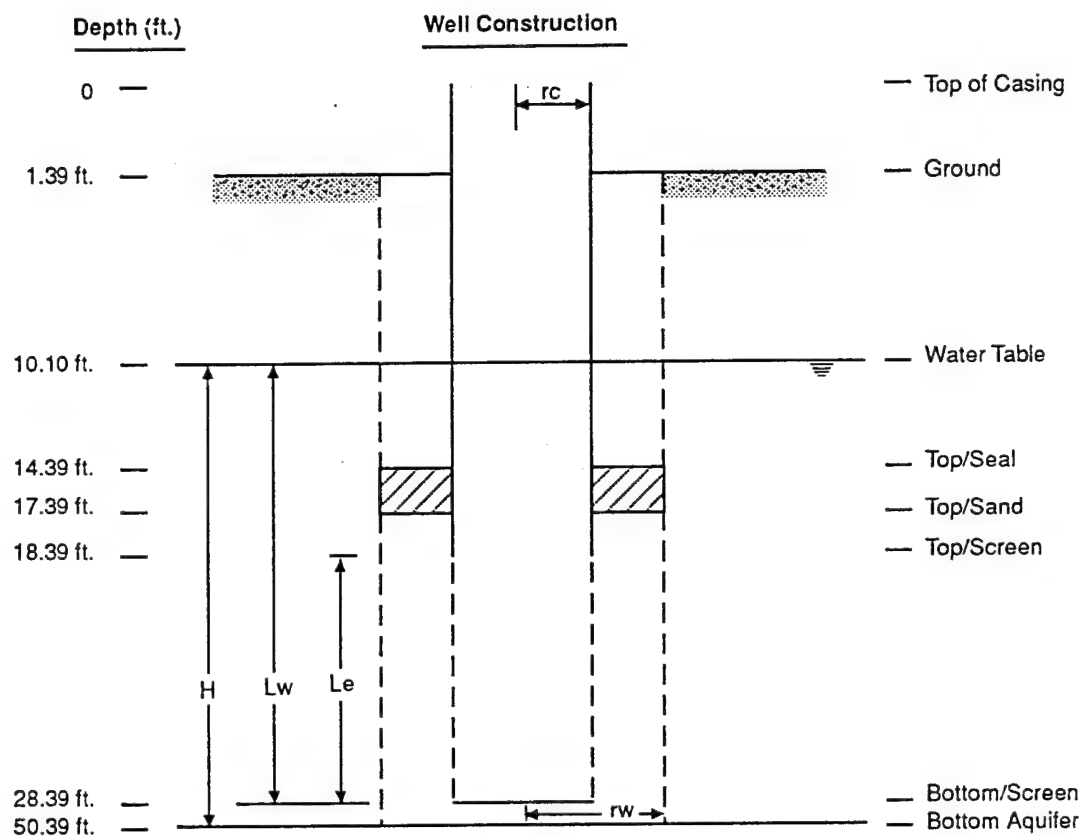
$$\ln(Rc/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw)))/(Le/Rw)))$$
$$\ln(Rc/Rw) = 1.495243$$

$$K = ((Rc^2*\ln(Rc/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 7.38620783E-05 \text{ FT/SEC}$$

HYDRAULIC CONDUCTIVITY CALCULATIONS

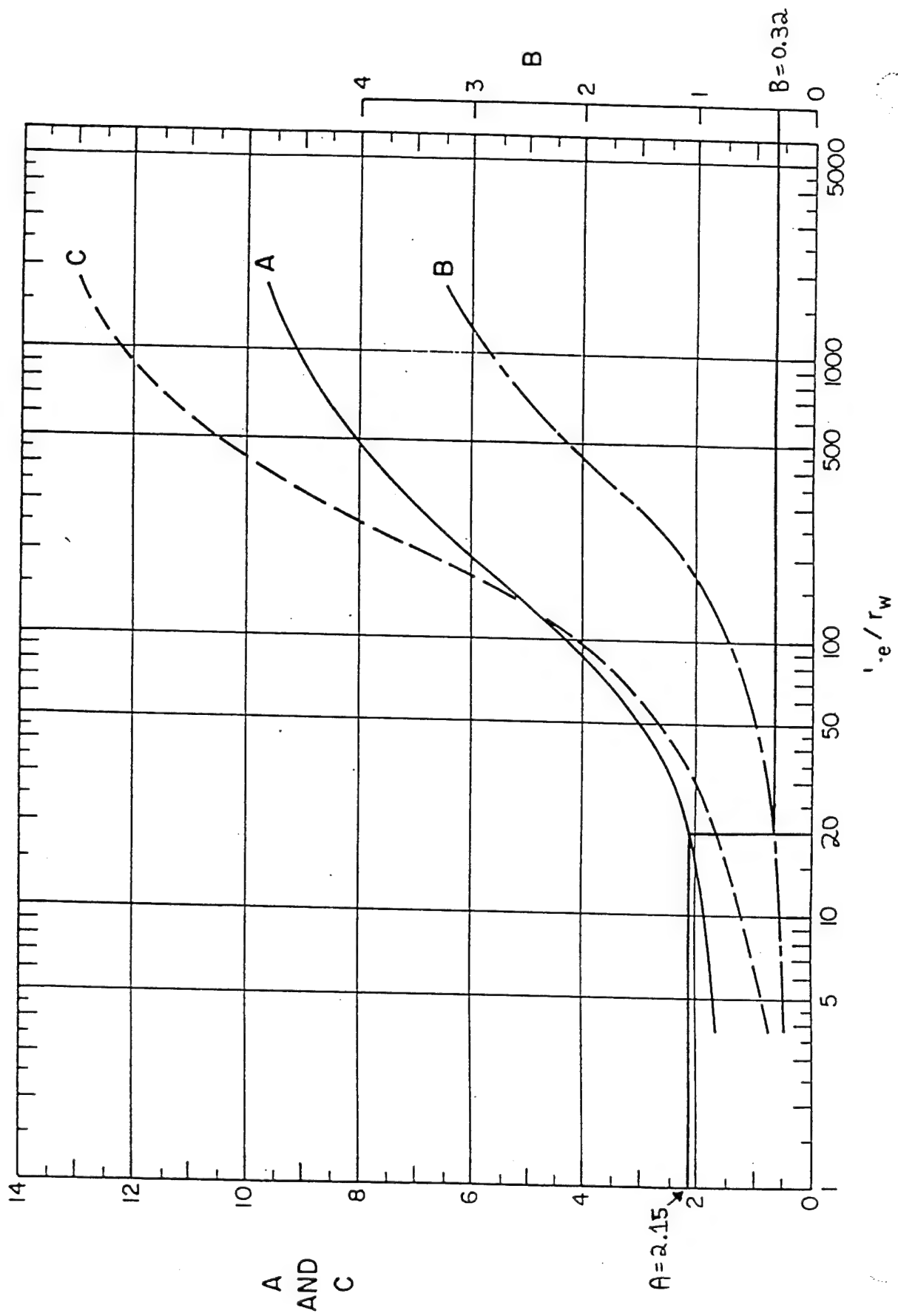
| | | |
|---------------------------------------|---------------------|------------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Computed By: KMS Checked By: CL |
| Project Number: 931976-03 | Well Number: MW32 D | Date Completed: 6-7-94 |

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 40.29 ft.
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 18.29 ft.
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 10.0 ft.
- rc = Inside Radius of Well Casing = 0.1667 ft.
- rw = Radius of Well Developed Zone (Borehole) = 0.5 ft.
- $Le/rw = 20.0$
- A = From Attached Curve = 2.15
- B = From Attached Curve = 0.32
- C = Not Applicable



51V9 3201

P. 1200

SLUG TEST DATA SHEET FOR MW-32D SLUG IN

ATIC WATER LEVEL (HO)

(HO) = 10.1 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/7/94 | 13 | 42 | 0 | 13.92 | 3.82 |
| 6/7/94 | 13 | 42.0033 | 0.0033 | 14.61 | 4.51 |
| 6/7/94 | 13 | 42.0066 | 0.0066 | 15.92 | 5.82 |
| 6/7/94 | 13 | 42.0099 | 0.0099 | 17.07 | 6.97 |
| 6/7/94 | 13 | 42.0133 | 0.0133 | 17 | 6.9 |
| 6/7/94 | 13 | 42.0166 | 0.0166 | 15.72 | 5.62 |
| 6/7/94 | 13 | 42.02 | 0.02 | 15.06 | 4.96 |
| 6/7/94 | 13 | 42.0233 | 0.0233 | 15.58 | 5.48 |
| 6/7/94 | 13 | 42.0266 | 0.0266 | 16.31 | 6.21 |
| 6/7/94 | 13 | 42.03 | 0.03 | 16.32 | 6.22 |
| 6/7/94 | 13 | 42.0333 | 0.0333 | 15.75 | 5.65 |
| 6/7/94 | 13 | 42.05 | 0.05 | 15.78 | 5.68 |
| 6/7/94 | 13 | 42.0666 | 0.0666 | 15.75 | 5.65 |
| 6/7/94 | 13 | 42.0833 | 0.0833 | 15.73 | 5.63 |
| 6/7/94 | 13 | 42.1 | 0.1 | 15.73 | 5.63 |
| 6/7/94 | 13 | 42.1166 | 0.1166 | 15.74 | 5.64 |
| 6/7/94 | 13 | 42.1333 | 0.1333 | 15.73 | 5.63 |
| 6/7/94 | 13 | 42.15 | 0.15 | 15.47 | 5.37 |
| 6/7/94 | 13 | 42.1666 | 0.1666 | 15.62 | 5.52 |
| 6/7/94 | 13 | 42.1833 | 0.1833 | 15.42 | 5.32 |
| 6/7/94 | 13 | 42.2 | 0.2 | 15.44 | 5.34 |
| 6/7/94 | 13 | 42.2166 | 0.2166 | 15.17 | 5.07 |
| 6/7/94 | 13 | 42.2333 | 0.2333 | 15.04 | 4.94 |
| 6/7/94 | 13 | 42.25 | 0.25 | 15.02 | 4.92 |
| 6/7/94 | 13 | 42.2666 | 0.2666 | 14.91 | 4.81 |
| 6/7/94 | 13 | 42.2833 | 0.2833 | 14.66 | 4.56 |
| 6/7/94 | 13 | 42.3 | 0.3 | 14.9 | 4.8 |
| 6/7/94 | 13 | 42.3166 | 0.3166 | 14.87 | 4.77 |
| 6/7/94 | 13 | 42.3333 | 0.3333 | 14.54 | 4.44 |
| 6/7/94 | 13 | 42.4167 | 0.4167 | 14.38 | 4.28 |
| 6/7/94 | 13 | 42.5 | 0.5 | 14.29 | 4.19 |
| 6/7/94 | 13 | 42.5833 | 0.5833 | 14.19 | 4.09 |
| 6/7/94 | 13 | 42.6667 | 0.6667 | 14.09 | 3.99 |
| 6/7/94 | 13 | 42.75 | 0.75 | 14 | 3.9 |
| 6/7/94 | 13 | 42.8333 | 0.8333 | 13.92 | 3.82 |
| 6/7/94 | 13 | 42.9167 | 0.9167 | 13.84 | 3.74 |

SLUG TEST DATA SHEET FOR MW-32D SLUG IN

ATIC WATER LEVEL (HO)
(HO) = 10.1 FT TOC

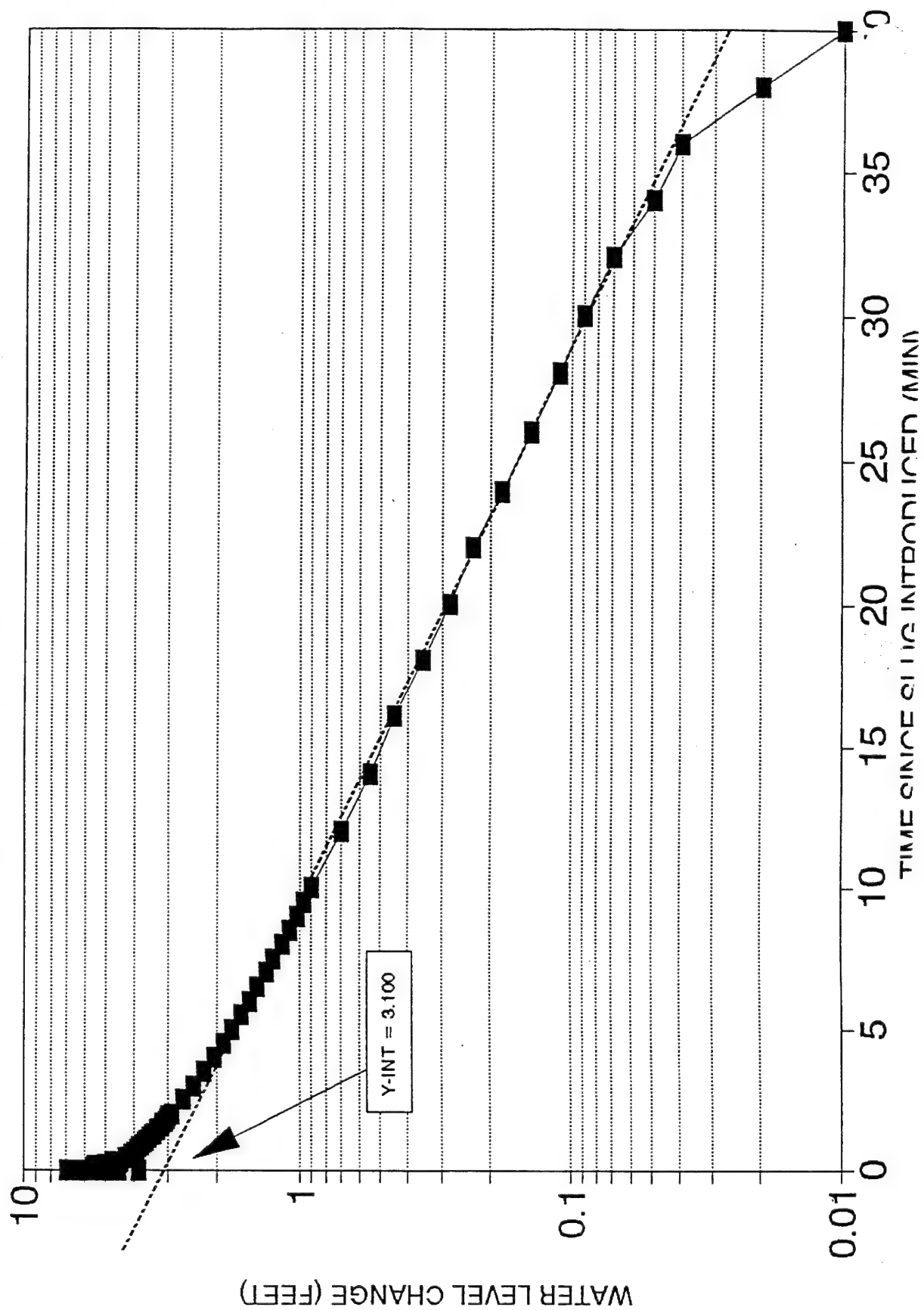
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 13 | 43 | 1 | 13.76 | 3.66 |
| 6/7/94 | 13 | 43.0833 | 1.0833 | 13.68 | 3.58 |
| 6/7/94 | 13 | 43.1667 | 1.1667 | 13.61 | 3.51 |
| 6/7/94 | 13 | 43.25 | 1.25 | 13.54 | 3.44 |
| 6/7/94 | 13 | 43.3333 | 1.3333 | 13.48 | 3.38 |
| 6/7/94 | 13 | 43.4166 | 1.4166 | 13.42 | 3.32 |
| 6/7/94 | 13 | 43.5 | 1.5 | 13.36 | 3.26 |
| 6/7/94 | 13 | 43.5833 | 1.5833 | 13.3 | 3.2 |
| 6/7/94 | 13 | 43.6667 | 1.6667 | 13.24 | 3.14 |
| 6/7/94 | 13 | 43.75 | 1.75 | 13.18 | 3.08 |
| 6/7/94 | 13 | 43.8333 | 1.8333 | 13.12 | 3.02 |
| 6/7/94 | 13 | 43.9167 | 1.9167 | 13.08 | 2.98 |
| 6/7/94 | 13 | 44 | 2 | 13.03 | 2.93 |
| 6/7/94 | 13 | 44.5 | 2.5 | 12.75 | 2.65 |
| 6/7/94 | 13 | 45 | 3 | 12.52 | 2.42 |
| 6/7/94 | 13 | 45.5 | 3.5 | 12.32 | 2.22 |
| 6/7/94 | 13 | 46 | 4 | 12.14 | 2.04 |
| 6/7/94 | 13 | 46.5 | 4.5 | 11.99 | 1.89 |
| 6/7/94 | 13 | 47 | 5 | 11.85 | 1.75 |
| 6/7/94 | 13 | 47.5 | 5.5 | 11.73 | 1.63 |
| 6/7/94 | 13 | 48 | 6 | 11.62 | 1.52 |
| 6/7/94 | 13 | 48.5 | 6.5 | 11.52 | 1.42 |
| 6/7/94 | 13 | 49 | 7 | 11.42 | 1.32 |
| 6/7/94 | 13 | 49.5 | 7.5 | 11.34 | 1.24 |
| 6/7/94 | 13 | 50 | 8 | 11.26 | 1.16 |
| 6/7/94 | 13 | 50.5 | 8.5 | 11.19 | 1.09 |
| 6/7/94 | 13 | 51 | 9 | 11.12 | 1.02 |
| 6/7/94 | 13 | 51.5 | 9.5 | 11.06 | 0.96 |
| 6/7/94 | 13 | 52 | 10 | 11 | 0.9 |
| 6/7/94 | 13 | 54 | 12 | 10.8 | 0.7 |
| 6/7/94 | 13 | 56 | 14 | 10.65 | 0.55 |
| 6/7/94 | 13 | 58 | 16 | 10.55 | 0.45 |
| 6/7/94 | 14 | 0 | 18 | 10.45 | 0.35 |
| 6/7/94 | 14 | 2 | 20 | 10.38 | 0.28 |
| 6/7/94 | 14 | 4 | 22 | 10.33 | 0.23 |
| 6/7/94 | 14 | 6 | 24 | 10.28 | 0.18 |

SLUG TEST DATA SHEET FOR MW-32D SLUG IN

ATIC WATER LEVEL (H0)
(H0) = 10.1 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|--------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 14 | 8 | 26 | 10.24 | 0.14 |
| 6/7/94 | 14 | 10 | 28 | 10.21 | 0.11 |
| 6/7/94 | 14 | 12 | 30 | 10.19 | 0.09 |
| 6/7/94 | 14 | 14 | 32 | 10.17 | 0.07 |
| 6/7/94 | 14 | 16 | 34 | 10.15 | 0.05 |
| 6/7/94 | 14 | 18 | 36 | 10.14 | 0.04 |
| 6/7/94 | 14 | 20 | 38 | 10.12 | 0.02 |
| 6/7/94 | 14 | 22 | 40 | 10.11 | 0.01 |
| 6/7/94 | 14 | 24 | 42 | 10.1 | 0 |
| 6/7/94 | 14 | 26 | 44 | 10.1 | 0 |
| 6/7/94 | 14 | 28 | 46 | 10.1 | 0 |
| 6/7/94 | 14 | 30 | 48 | 10.1 | 0 |
| 6/7/94 | 14 | 32 | 50 | 10.1 | 0 |

SLUG TEST M_{vv}-32D SLUG IN



HYDRAULIC CONDUCTIVITY FOR MW-32D SLUG IN

JT VARIABLES

H = 40.29 FEET
Lw = 18.29 FEET
Le = 10 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 300 SEC (FROM SLUG TEST DATA)
Yt = 1.75 FEET (FROM SLUG TEST DATA)
Yo = 3.1 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 20 FEET
A = 2.15
B = 0.32

CALCULATIONS:

$$\ln (Re/Rw) = 1/((((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw)))/(Le/Rw)))$$
$$\ln (Re/Rw) = 2.111286$$

$$K = ((Rc^2*\ln(Re/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 5.59114625E-06 \text{ FT/SEC}$$

5129 3202

11/11/94

SLUG TEST DATA SHEET FOR MW-32D SLUG OUT

ATIC WATER LEVEL (HO)
(HO) = 10.1 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 14 | 34 | 0 | 1.34 | -8.76 |
| 6/7/94 | 14 | 34.0033 | 0.0033 | 3.71 | -6.39 |
| 6/7/94 | 14 | 34.0066 | 0.0066 | 5.23 | -4.87 |
| 6/7/94 | 14 | 34.0099 | 0.0099 | 5.44 | -4.66 |
| 6/7/94 | 14 | 34.0133 | 0.0133 | 5.39 | -4.71 |
| 6/7/94 | 14 | 34.0166 | 0.0166 | 5.56 | -4.54 |
| 6/7/94 | 14 | 34.02 | 0.02 | 5.74 | -4.36 |
| 6/7/94 | 14 | 34.0233 | 0.0233 | 6.07 | -4.03 |
| 6/7/94 | 14 | 34.0266 | 0.0266 | 7.11 | -2.99 |
| 6/7/94 | 14 | 34.03 | 0.03 | 6.37 | -3.73 |
| 6/7/94 | 14 | 34.0333 | 0.0333 | 5.04 | -5.06 |
| 6/7/94 | 14 | 34.05 | 0.05 | 6.35 | -3.75 |
| 6/7/94 | 14 | 34.0666 | 0.0666 | 6.86 | -3.24 |
| 6/7/94 | 14 | 34.0833 | 0.0833 | 5.25 | -4.85 |
| 6/7/94 | 14 | 34.1 | 0.1 | 5.46 | -4.64 |
| 6/7/94 | 14 | 34.1166 | 0.1166 | 5.27 | -4.83 |
| 6/7/94 | 14 | 34.1333 | 0.1333 | 4.99 | -5.11 |
| 6/7/94 | 14 | 34.15 | 0.15 | 5.07 | -5.03 |
| 6/7/94 | 14 | 34.1666 | 0.1666 | 5.13 | -4.97 |
| 6/7/94 | 14 | 34.1833 | 0.1833 | 5.14 | -4.96 |
| 6/7/94 | 14 | 34.2 | 0.2 | 5.15 | -4.95 |
| 6/7/94 | 14 | 34.2166 | 0.2166 | 5.16 | -4.94 |
| 6/7/94 | 14 | 34.2333 | 0.2333 | 5.19 | -4.91 |
| 6/7/94 | 14 | 34.25 | 0.25 | 5.2 | -4.9 |
| 6/7/94 | 14 | 34.2666 | 0.2666 | 5.14 | -4.96 |
| 6/7/94 | 14 | 34.2833 | 0.2833 | 5.21 | -4.89 |
| 6/7/94 | 14 | 34.3 | 0.3 | 5.21 | -4.89 |
| 6/7/94 | 14 | 34.3166 | 0.3166 | 5.24 | -4.86 |
| 6/7/94 | 14 | 34.3333 | 0.3333 | 5.26 | -4.84 |
| 6/7/94 | 14 | 34.4167 | 0.4167 | 5.31 | -4.79 |
| 6/7/94 | 14 | 34.5 | 0.5 | 5.34 | -4.76 |
| 6/7/94 | 14 | 34.5833 | 0.5833 | 5.39 | -4.71 |
| 6/7/94 | 14 | 34.6667 | 0.6667 | 5.46 | -4.64 |
| 6/7/94 | 14 | 34.75 | 0.75 | 5.51 | -4.59 |
| 6/7/94 | 14 | 34.8333 | 0.8333 | 5.54 | -4.56 |
| 6/7/94 | 14 | 34.9167 | 0.9167 | 5.58 | -4.52 |

SLUG TEST DATA SHEET FOR MW-32D SLUG OUT

...ATIC WATER LEVEL (HO)

(HO) = 10.1 FT TOC

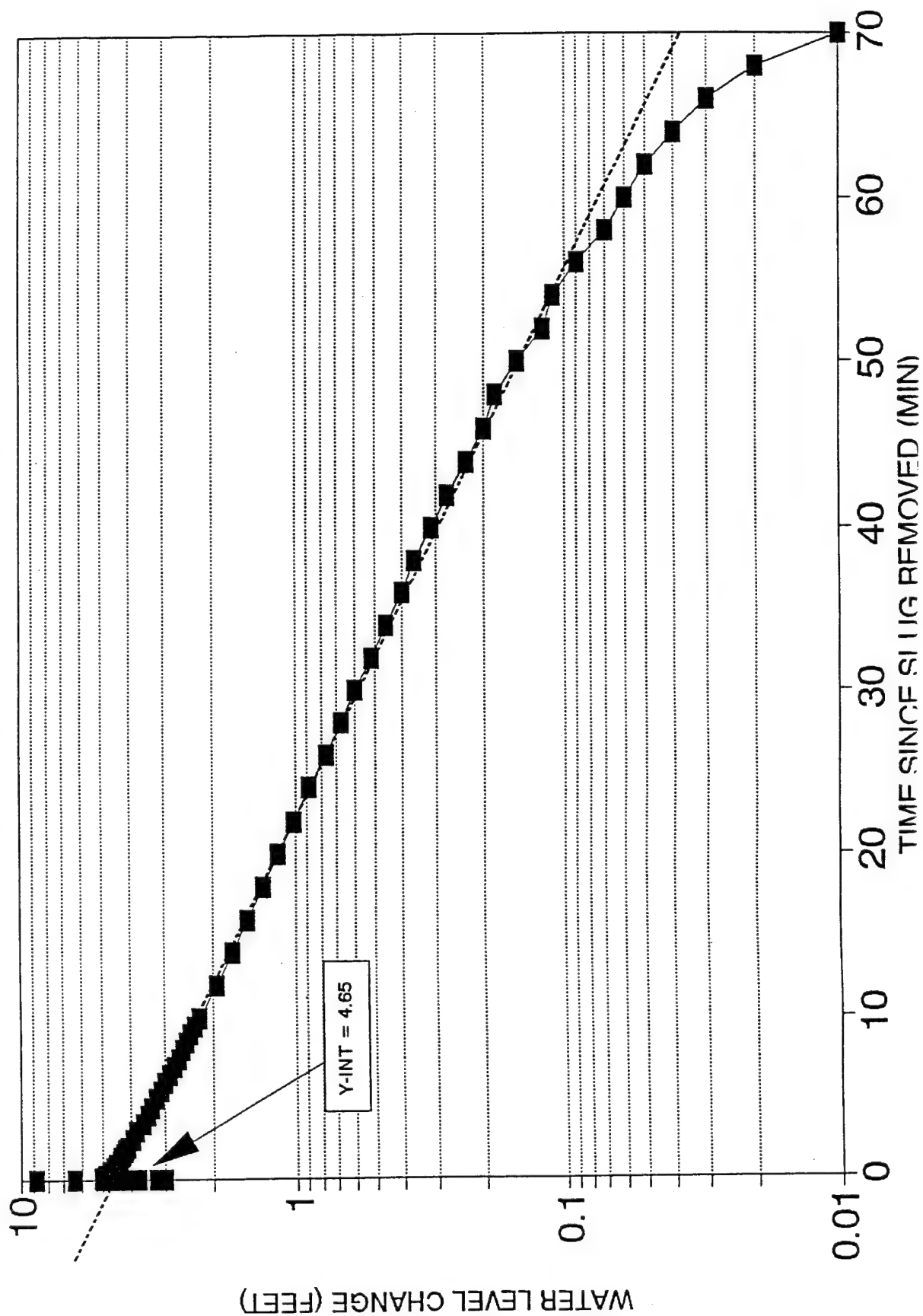
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/7/94 | 14 | 35 | 1 | 5.62 | -4.48 |
| 6/7/94 | 14 | 35.0833 | 1.0833 | 5.65 | -4.45 |
| 6/7/94 | 14 | 35.1667 | 1.1667 | 5.69 | -4.41 |
| 6/7/94 | 14 | 35.25 | 1.25 | 5.72 | -4.38 |
| 6/7/94 | 14 | 35.3333 | 1.3333 | 5.75 | -4.35 |
| 6/7/94 | 14 | 35.4166 | 1.4166 | 5.79 | -4.31 |
| 6/7/94 | 14 | 35.5 | 1.5 | 5.82 | -4.28 |
| 6/7/94 | 14 | 35.5833 | 1.5833 | 5.85 | -4.25 |
| 6/7/94 | 14 | 35.6667 | 1.6667 | 5.88 | -4.22 |
| 6/7/94 | 14 | 35.75 | 1.75 | 5.91 | -4.19 |
| 6/7/94 | 14 | 35.8333 | 1.8333 | 5.94 | -4.16 |
| 6/7/94 | 14 | 35.9167 | 1.9167 | 5.97 | -4.13 |
| 6/7/94 | 14 | 36 | 2 | 6 | -4.1 |
| 7/94 | 14 | 36.5 | 2.5 | 6.17 | -3.93 |
| 6/7/94 | 14 | 37 | 3 | 6.33 | -3.77 |
| 6/7/94 | 14 | 37.5 | 3.5 | 6.48 | -3.62 |
| 6/7/94 | 14 | 38 | 4 | 6.62 | -3.48 |
| 6/7/94 | 14 | 38.5 | 4.5 | 6.75 | -3.35 |
| 6/7/94 | 14 | 39 | 5 | 6.88 | -3.22 |
| 6/7/94 | 14 | 39.5 | 5.5 | 7 | -3.1 |
| 6/7/94 | 14 | 40 | 6 | 7.11 | -2.99 |
| 6/7/94 | 14 | 40.5 | 6.5 | 7.22 | -2.88 |
| 6/7/94 | 14 | 41 | 7 | 7.32 | -2.78 |
| 6/7/94 | 14 | 41.5 | 7.5 | 7.42 | -2.68 |
| 6/7/94 | 14 | 42 | 8 | 7.51 | -2.59 |
| 6/7/94 | 14 | 42.5 | 8.5 | 7.6 | -2.5 |
| 6/7/94 | 14 | 43 | 9 | 7.69 | -2.41 |
| 6/7/94 | 14 | 43.5 | 9.5 | 7.77 | -2.33 |
| 6/7/94 | 14 | 44 | 10 | 7.85 | -2.25 |
| 333 | 14 | 46 | 12 | 8.15 | -1.95 |
| 6/7/94 | 14 | 48 | 14 | 8.4 | -1.7 |
| 6/7/94 | 14 | 50 | 16 | 8.61 | -1.49 |
| 6/7/94 | 14 | 52 | 18 | 8.79 | -1.31 |
| 7/94 | 14 | 54 | 20 | 8.95 | -1.15 |
| 5/7/94 | 14 | 56 | 22 | 9.09 | -1.01 |
| 6/7/94 | 14 | 58 | 24 | 9.21 | -0.89 |

SLUG TEST DATA SHEET FOR MW-32D SLUG OUT

ATIC WATER LEVEL (HO)
(HO) = 10.1 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|--------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 15 | 0 | 26 | 9.33 | -0.77 |
| 6/7/94 | 15 | 2 | 28 | 9.42 | -0.68 |
| 6/7/94 | 15 | 4 | 30 | 9.5 | -0.6 |
| 6/7/94 | 15 | 6 | 32 | 9.58 | -0.52 |
| 6/7/94 | 15 | 8 | 34 | 9.64 | -0.46 |
| 6/7/94 | 15 | 10 | 36 | 9.7 | -0.4 |
| 6/7/94 | 15 | 12 | 38 | 9.74 | -0.36 |
| 6/7/94 | 15 | 14 | 40 | 9.79 | -0.31 |
| 6/7/94 | 15 | 16 | 42 | 9.83 | -0.27 |
| 6/7/94 | 15 | 18 | 44 | 9.87 | -0.23 |
| 6/7/94 | 15 | 20 | 46 | 9.9 | -0.2 |
| 6/7/94 | 15 | 22 | 48 | 9.92 | -0.18 |
| 6/7/94 | 15 | 24 | 50 | 9.95 | -0.15 |
| 6/7/94 | 15 | 26 | 52 | 9.98 | -0.12 |
| 6/7/94 | 15 | 28 | 54 | 9.99 | -0.11 |
| 6/7/94 | 15 | 30 | 56 | 10.01 | -0.09 |
| 6/7/94 | 15 | 32 | 58 | 10.03 | -0.07 |
| 6/7/94 | 15 | 34 | 60 | 10.04 | -0.06 |
| 6/7/94 | 15 | 36 | 62 | 10.05 | -0.05 |
| 6/7/94 | 15 | 38 | 64 | 10.06 | -0.04 |
| 6/7/94 | 15 | 40 | 66 | 10.07 | -0.03 |
| 6/7/94 | 15 | 42 | 68 | 10.08 | -0.02 |
| 6/7/94 | 15 | 44 | 70 | 10.09 | -0.01 |
| 6/7/94 | 15 | 46 | 72 | 10.1 | 0 |
| 6/7/94 | 15 | 48 | 74 | 10.1 | 0 |
| 6/7/94 | 15 | 50 | 76 | 10.1 | 0 |
| 6/7/94 | 15 | 52 | 78 | 10.2 | 0.1 |

SLUG TEST MW 32D SLUG OUT



HYDRAULIC CONDUCTIVITY FOR MW-32D SLUG OUT

INPUT VARIABLES

H = 40.29 FEET
Lw = 18.29 FEET
Le = 10 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 300 SEC (FROM SLUG TEST DATA)
Yt = 3.22 FEET (FROM SLUG TEST DATA)
Yo = 4.65 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 20 FEET
A = 2.15
B = 0.32

CALCULATIONS:

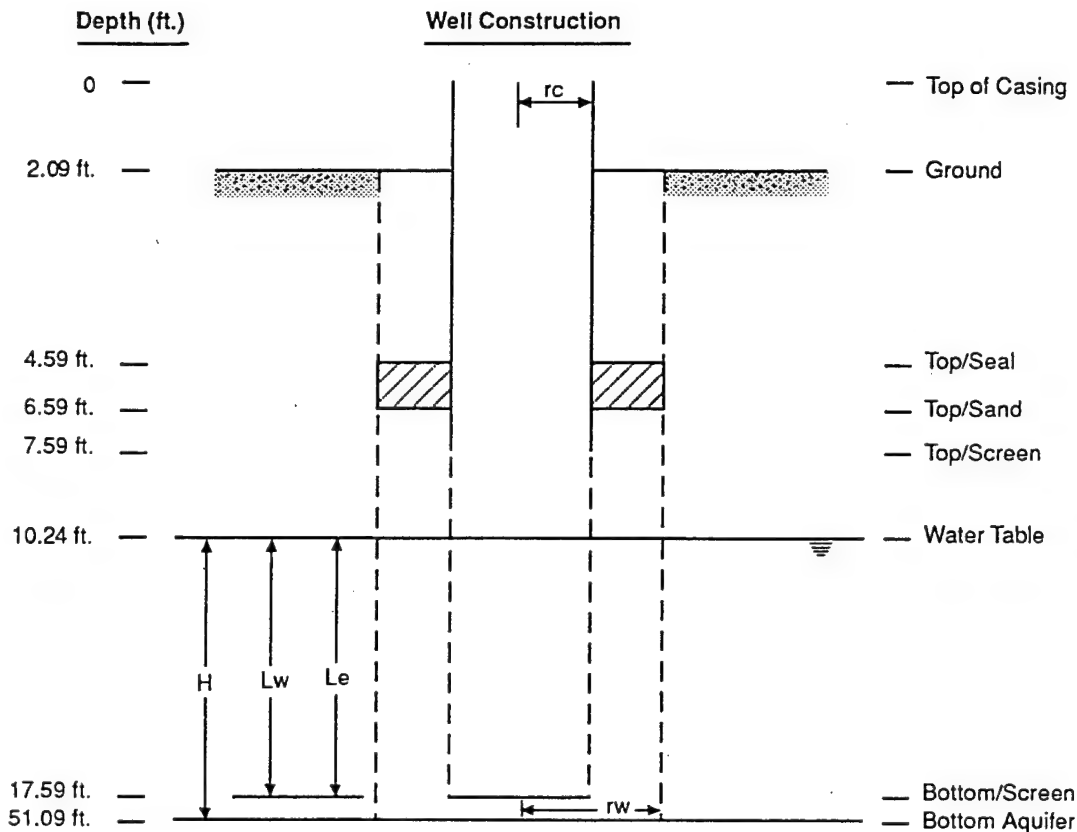
$$\ln(Rc/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw))/(Le/Rw)))$$
$$\ln(Rc/Rw) = 2.111286$$

$$K = ((Rc^2*\ln(Rc/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 3.59341786E-06 \text{ FT/SEC}$$

HYDRAULIC CONDUCTIVITY CALCULATIONS

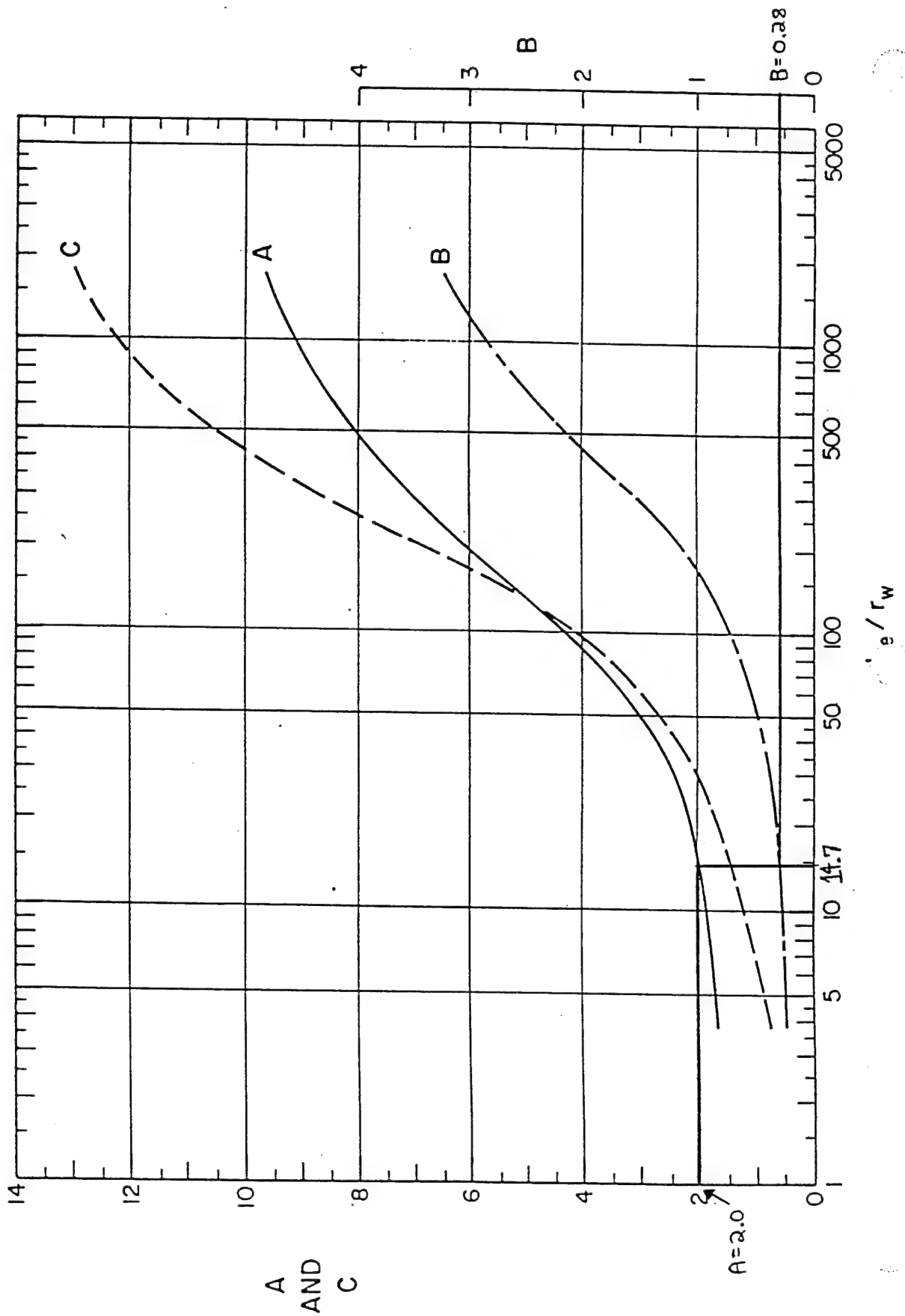
| | | |
|---------------------------------------|-------------------|------------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Computed By: KMS Checked By: CL |
| Project Number: 931976-03 | Well Number: MW33 | Date Completed: 6-6-94 |

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 40.85 ft.
 Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 7.35 ft.
 Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 7.35 ft.
 rc = Inside Radius of Well Casing = 0.1667 ft.
 rw = Radius of Well Developed Zone (Borehole) = 0.5 ft.
 Le/rw = 14.7
 A = From Attached Curve = 2.0
 B = From Attached Curve = 0.28
 C = Not Applicable



5147ms33.wq1

SLUG TEST DATA SHEET FOR MW-33 SLUG IN

STATIC WATER LEVEL (HO)
(HO) = 10.24 FT TOC

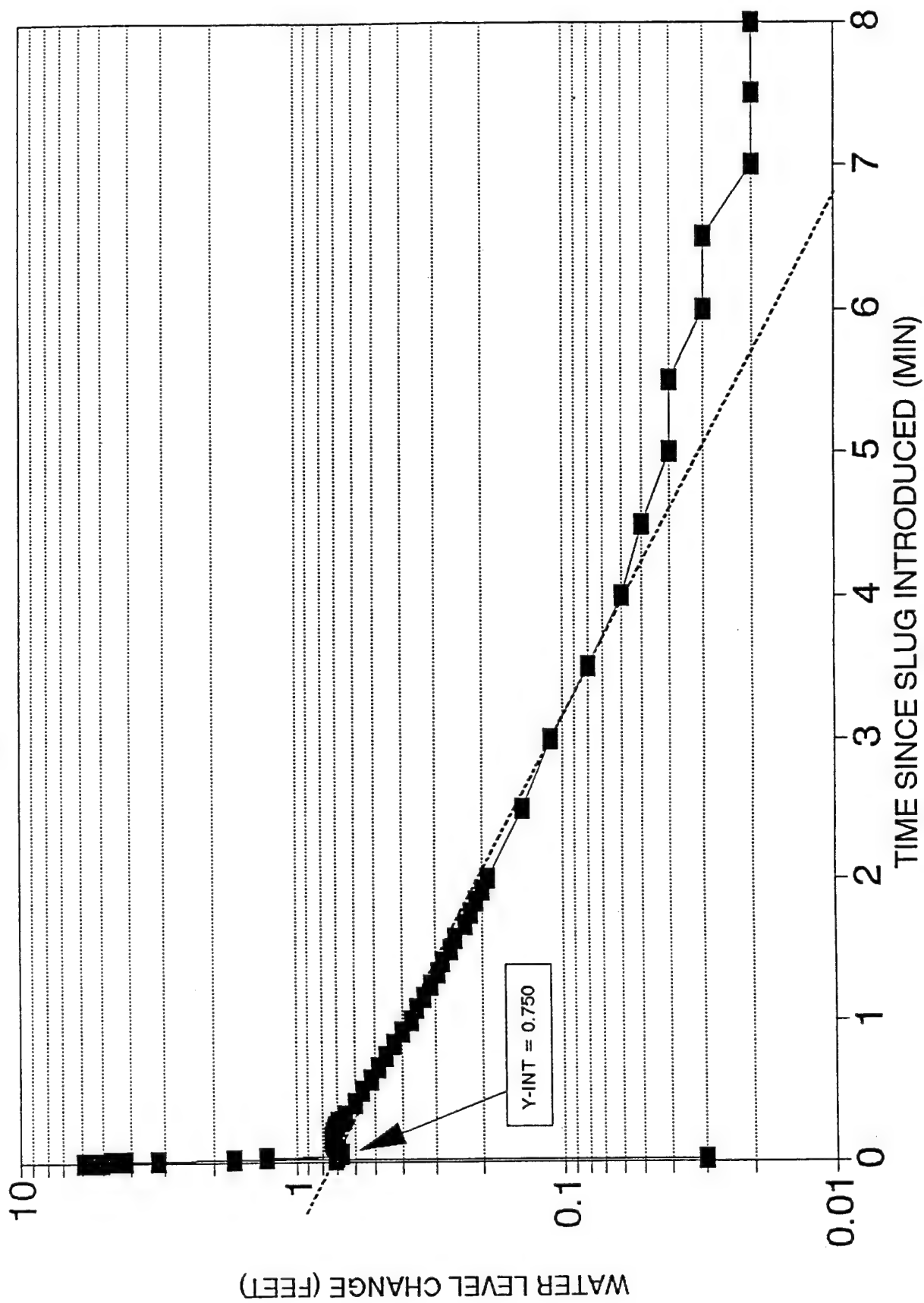
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/6/94 | 15 | 46 | 0 | 16.14 | 5.9 |
| 6/6/94 | 15 | 46.0033 | 0.0033 | 15.76 | 5.52 |
| 6/6/94 | 15 | 46.0066 | 0.0066 | 15.35 | 5.11 |
| 6/6/94 | 15 | 46.0099 | 0.0099 | 15.46 | 5.22 |
| 6/6/94 | 15 | 46.0133 | 0.0133 | 14.95 | 4.71 |
| 6/6/94 | 15 | 46.0166 | 0.0166 | 14.42 | 4.18 |
| 6/6/94 | 15 | 46.02 | 0.02 | 13.43 | 3.19 |
| 6/6/94 | 15 | 46.0233 | 0.0233 | 11.93 | 1.69 |
| 6/6/94 | 15 | 46.0266 | 0.0266 | 10.27 | 0.03 |
| 6/6/94 | 15 | 46.03 | 0.03 | 10.95 | 0.71 |
| 6/6/94 | 15 | 46.0333 | 0.0333 | 11.53 | 1.29 |
| 6/6/94 | 15 | 46.05 | 0.05 | 10.94 | 0.7 |
| 6/6/94 | 15 | 46.0666 | 0.0666 | 10.92 | 0.68 |
| 6/6/94 | 15 | 46.0833 | 0.0833 | 10.93 | 0.69 |
| 6/6/94 | 15 | 46.1 | 0.1 | 10.94 | 0.7 |
| 6/6/94 | 15 | 46.1166 | 0.1166 | 10.96 | 0.72 |
| 6/6/94 | 15 | 46.1333 | 0.1333 | 10.97 | 0.73 |
| 6/6/94 | 15 | 46.15 | 0.15 | 10.98 | 0.74 |
| 6/6/94 | 15 | 46.1666 | 0.1666 | 10.98 | 0.74 |
| 6/6/94 | 15 | 46.1833 | 0.1833 | 10.98 | 0.74 |
| 6/6/94 | 15 | 46.2 | 0.2 | 10.97 | 0.73 |
| 6/6/94 | 15 | 46.2166 | 0.2166 | 10.97 | 0.73 |
| 6/6/94 | 15 | 46.2333 | 0.2333 | 10.96 | 0.72 |
| 6/6/94 | 15 | 46.25 | 0.25 | 10.95 | 0.71 |
| 6/6/94 | 15 | 46.2666 | 0.2666 | 10.94 | 0.7 |
| 6/6/94 | 15 | 46.2833 | 0.2833 | 10.93 | 0.69 |
| 6/6/94 | 15 | 46.3 | 0.3 | 10.92 | 0.68 |
| 6/6/94 | 15 | 46.3166 | 0.3166 | 10.9 | 0.66 |
| 6/6/94 | 15 | 46.3333 | 0.3333 | 10.89 | 0.65 |
| 6/6/94 | 15 | 46.4167 | 0.4167 | 10.84 | 0.6 |
| 6/6/94 | 15 | 46.5 | 0.5 | 10.8 | 0.56 |
| 6/6/94 | 15 | 46.5833 | 0.5833 | 10.76 | 0.52 |
| 6/6/94 | 15 | 46.6667 | 0.6667 | 10.73 | 0.49 |
| 6/6/94 | 15 | 46.75 | 0.75 | 10.7 | 0.46 |
| 6/6/94 | 15 | 46.8333 | 0.8333 | 10.67 | 0.43 |
| 6/6/94 | 15 | 46.9167 | 0.9167 | 10.64 | 0.4 |

SLUG TEST DATA SHEET FOR MW-33 SLUG IN

STATIC WATER LEVEL (H0)
(H0) = 10.24 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/6/94 | 15 | 47 | 1 | 10.61 | 0.37 |
| 6/6/94 | 15 | 47.0833 | 1.0833 | 10.59 | 0.35 |
| 6/6/94 | 15 | 47.1667 | 1.1667 | 10.57 | 0.33 |
| 6/6/94 | 15 | 47.25 | 1.25 | 10.55 | 0.31 |
| 6/6/94 | 15 | 47.3333 | 1.3333 | 10.53 | 0.29 |
| 6/6/94 | 15 | 47.4166 | 1.4166 | 10.52 | 0.28 |
| 6/6/94 | 15 | 47.5 | 1.5 | 10.5 | 0.26 |
| 6/6/94 | 15 | 47.5833 | 1.5833 | 10.49 | 0.25 |
| 6/6/94 | 15 | 47.6667 | 1.6667 | 10.47 | 0.23 |
| 6/6/94 | 15 | 47.75 | 1.75 | 10.46 | 0.22 |
| 6/6/94 | 15 | 47.8333 | 1.8333 | 10.45 | 0.21 |
| 6/6/94 | 15 | 47.9167 | 1.9167 | 10.44 | 0.2 |
| 6/6/94 | 15 | 48 | 2 | 10.43 | 0.19 |
| 6/6/94 | 15 | 48.5 | 2.5 | 10.38 | 0.14 |
| 6/6/94 | 15 | 49 | 3 | 10.35 | 0.11 |
| 6/6/94 | 15 | 49.5 | 3.5 | 10.32 | 0.08 |
| 6/6/94 | 15 | 50 | 4 | 10.3 | 0.06 |
| 6/6/94 | 15 | 50.5 | 4.5 | 10.29 | 0.05 |
| 6/6/94 | 15 | 51 | 5 | 10.28 | 0.04 |
| 6/6/94 | 15 | 51.5 | 5.5 | 10.28 | 0.04 |
| 6/6/94 | 15 | 52 | 6 | 10.27 | 0.03 |
| 6/6/94 | 15 | 52.5 | 6.5 | 10.27 | 0.03 |
| 6/6/94 | 15 | 53 | 7 | 10.26 | 0.02 |
| 6/6/94 | 15 | 53.5 | 7.5 | 10.26 | 0.02 |
| 6/6/94 | 15 | 54 | 8 | 10.26 | 0.02 |
| 6/6/94 | 15 | 54.5 | 8.5 | 10.26 | 0.02 |
| 6/6/94 | 15 | 55 | 9 | 10.26 | 0.02 |
| 6/6/94 | 15 | 55.5 | 9.5 | 10.26 | 0.02 |
| 6/6/94 | 15 | 56 | 10 | 10.25 | 0.01 |
| 6/6/94 | 15 | 58 | 12 | 10.25 | 0.01 |

SLUG TEST M₁V-33 SLUG IN



HYDRAULIC CONDUCTIVITY FOR MW-33 SLUG IN

JT VARIABLES

H = 40.85 FEET
Lw = 7.35 FEET
Le = 7.35 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 60 SEC (FROM SLUG TEST DATA)
Yt = 0.37 FEET (FROM SLUG TEST DATA)
Yo = 0.75 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 14.7 FEET
A = 2
B = 0.28

CALCULATIONS:

$$\ln(Rc/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw))/(Le/Rw)))$$
$$\ln(Rc/Rw) = 1.598994$$

$$K = ((Rc^2*\ln(Rc/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 3.55962925E-05 \text{ FT/SEC}$$

Slug M334.WQ1

SLUG TEST DATA SHEET FOR MW-33 SLUG OUT

STATIC WATER LEVEL (HO)

(HO) = 10.24 FT TOC

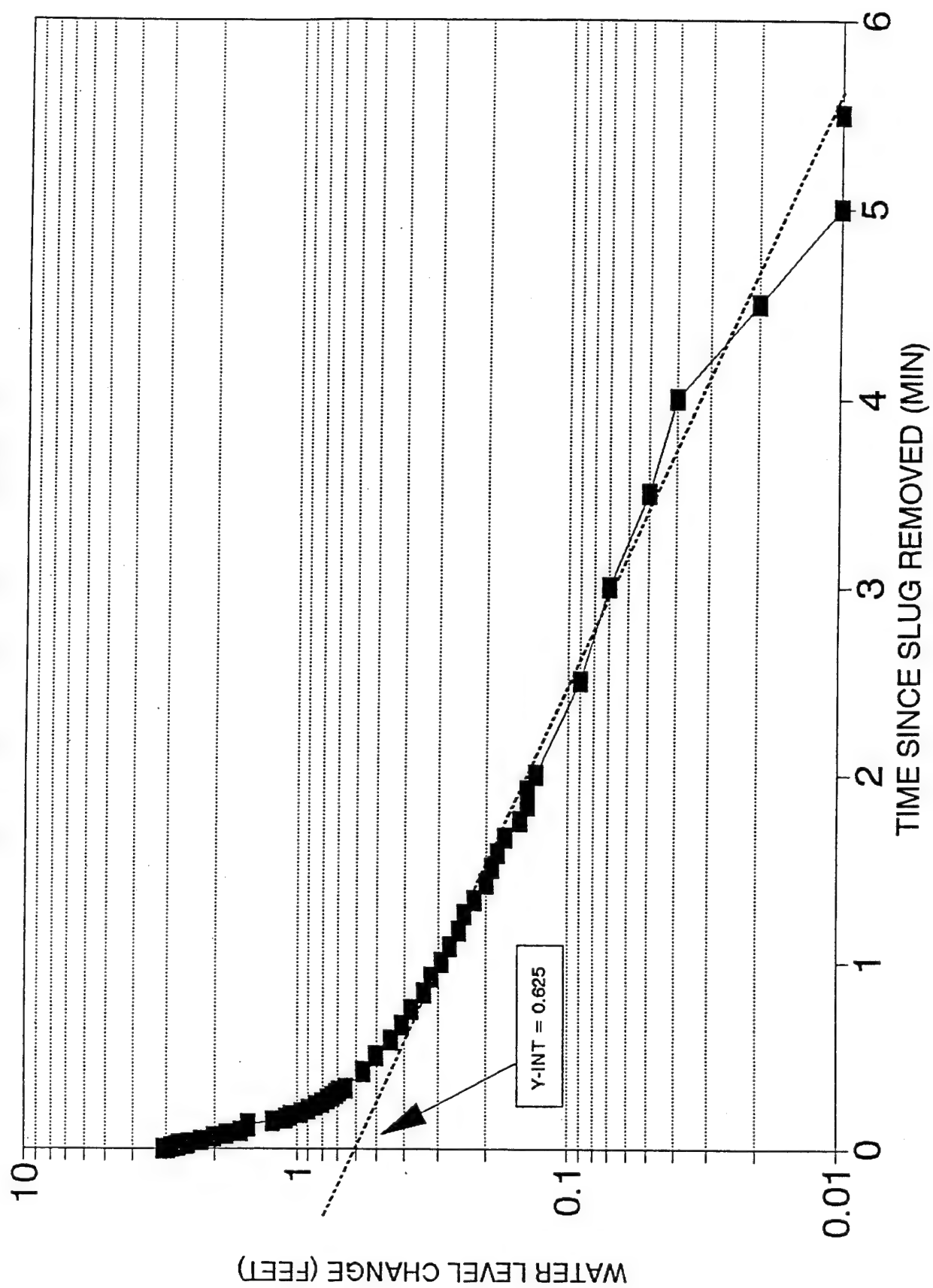
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/6/94 | 16 | 20 | 0 | 7.18 | -3.06 |
| 6/6/94 | 16 | 20.0033 | 0.0033 | 7.24 | -3 |
| 6/6/94 | 16 | 20.0066 | 0.0066 | 7.3 | -2.94 |
| 6/6/94 | 16 | 20.0099 | 0.0099 | 7.37 | -2.87 |
| 6/6/94 | 16 | 20.0133 | 0.0133 | 7.39 | -2.85 |
| 6/6/94 | 16 | 20.0166 | 0.0166 | 7.47 | -2.77 |
| 6/6/94 | 16 | 20.02 | 0.02 | 7.53 | -2.71 |
| 6/6/94 | 16 | 20.0233 | 0.0233 | 7.54 | -2.7 |
| 6/6/94 | 16 | 20.0266 | 0.0266 | 7.7 | -2.54 |
| 6/6/94 | 16 | 20.03 | 0.03 | 7.68 | -2.56 |
| 6/6/94 | 16 | 20.0333 | 0.0333 | 7.74 | -2.5 |
| 6/6/94 | 16 | 20.05 | 0.05 | 8 | -2.24 |
| 6/6/94 | 16 | 20.0666 | 0.0666 | 8.22 | -2.02 |
| 6/6/94 | 16 | 20.0833 | 0.0833 | 8.41 | -1.83 |
| 6/6/94 | 16 | 20.1 | 0.1 | 8.62 | -1.62 |
| 6/6/94 | 16 | 20.1166 | 0.1166 | 8.73 | -1.51 |
| 6/6/94 | 16 | 20.1333 | 0.1333 | 8.73 | -1.51 |
| 6/6/94 | 16 | 20.15 | 0.15 | 9.01 | -1.23 |
| 6/6/94 | 16 | 20.1666 | 0.1666 | 9.14 | -1.1 |
| 6/6/94 | 16 | 20.1833 | 0.1833 | 9.18 | -1.06 |
| 6/6/94 | 16 | 20.2 | 0.2 | 9.28 | -0.96 |
| 6/6/94 | 16 | 20.2166 | 0.2166 | 9.34 | -0.9 |
| 6/6/94 | 16 | 20.2333 | 0.2333 | 9.39 | -0.85 |
| 6/6/94 | 16 | 20.25 | 0.25 | 9.43 | -0.81 |
| 6/6/94 | 16 | 20.2666 | 0.2666 | 9.47 | -0.77 |
| 6/6/94 | 16 | 20.2833 | 0.2833 | 9.5 | -0.74 |
| 6/6/94 | 16 | 20.3 | 0.3 | 9.53 | -0.71 |
| 6/6/94 | 16 | 20.3166 | 0.3166 | 9.55 | -0.69 |
| 6/6/94 | 16 | 20.3333 | 0.3333 | 9.58 | -0.66 |
| 6/6/94 | 16 | 20.4167 | 0.4167 | 9.67 | -0.57 |
| 6/6/94 | 16 | 20.5 | 0.5 | 9.73 | -0.51 |
| 6/6/94 | 16 | 20.5833 | 0.5833 | 9.79 | -0.45 |
| 6/6/94 | 16 | 20.6667 | 0.6667 | 9.83 | -0.41 |
| 6/6/94 | 16 | 20.75 | 0.75 | 9.86 | -0.38 |
| 6/6/94 | 16 | 20.8333 | 0.8333 | 9.9 | -0.34 |
| 6/6/94 | 16 | 20.9167 | 0.9167 | 9.92 | -0.32 |

SLUG TEST DATA SHEET FOR MW-33 SLUG OUT

STATIC WATER LEVEL (H0)
(H0) = 10.24 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/6/94 | 16 | 21 | 1 | 9.95 | -0.29 |
| 6/6/94 | 16 | 21.0833 | 1.0833 | 9.97 | -0.27 |
| 6/6/94 | 16 | 21.1667 | 1.1667 | 9.99 | -0.25 |
| 6/6/94 | 16 | 21.25 | 1.25 | 10 | -0.24 |
| 6/6/94 | 16 | 21.3333 | 1.3333 | 10.02 | -0.22 |
| 6/6/94 | 16 | 21.4166 | 1.4166 | 10.04 | -0.2 |
| 6/6/94 | 16 | 21.5 | 1.5 | 10.05 | -0.19 |
| 6/6/94 | 16 | 21.5833 | 1.5833 | 10.06 | -0.18 |
| 6/6/94 | 16 | 21.6667 | 1.6667 | 10.07 | -0.17 |
| 6/6/94 | 16 | 21.75 | 1.75 | 10.09 | -0.15 |
| 6/6/94 | 16 | 21.8333 | 1.8333 | 10.1 | -0.14 |
| 6/6/94 | 16 | 21.9167 | 1.9167 | 10.1 | -0.14 |
| 6/6/94 | 16 | 22 | 2 | 10.11 | -0.13 |
| 6/6/94 | 16 | 22.5 | 2.5 | 10.15 | -0.09 |
| 6/6/94 | 16 | 23 | 3 | 10.17 | -0.07 |
| 6/6/94 | 16 | 23.5 | 3.5 | 10.19 | -0.05 |
| 6/6/94 | 16 | 24 | 4 | 10.2 | -0.04 |
| 6/6/94 | 16 | 24.5 | 4.5 | 10.22 | -0.02 |
| 6/6/94 | 16 | 25 | 5 | 10.23 | -0.01 |
| 6/6/94 | 16 | 25.5 | 5.5 | 10.23 | -0.01 |
| 6/6/94 | 16 | 26 | 6 | 10.24 | 0 |
| 6/6/94 | 16 | 26.5 | 6.5 | 10.24 | 0 |
| 6/6/94 | 16 | 27 | 7 | 10.24 | 0 |
| 6/6/94 | 16 | 27.5 | 7.5 | 10.24 | 0 |
| 6/6/94 | 16 | 28 | 8 | 10.24 | 0 |
| 6/6/94 | 16 | 28.5 | 8.5 | 10.24 | 0 |
| 6/6/94 | 16 | 29 | 9 | 10.24 | 0 |
| 6/6/94 | 16 | 29.5 | 9.5 | 10.24 | 0 |
| 6/6/94 | 16 | 30 | 10 | 10.24 | 0 |
| 6/6/94 | 16 | 32 | 12 | 10.24 | 0 |

SLUG TEST M\.-33 SLUG OUT



HYDRAULIC CONDUCTIVITY FOR MW-33 SLUG OUT

JT VARIABLES

H = 40.85 FEET
Lw = 7.35 FEET
Le = 7.35 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 60 SEC (FROM SLUG TEST DATA)
Yt = 0.29 FEET (FROM SLUG TEST DATA)
Yo = 0.625 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 14.7 FEET
A = 2
B = 0.28

CALCULATIONS:

$$\ln (Re/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw))/(Le/Rw)))$$
$$\ln (Re/Rw) = 1.598994$$

$$K = ((Rc^2*\ln(Re/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 3.86845510E-05 \text{ FT/SEC}$$

HYDRAULIC CONDUCTIVITY CALCULATIONS

Project: Woodbridge Research Facility

Location: AREE 8

Computed By: KMS

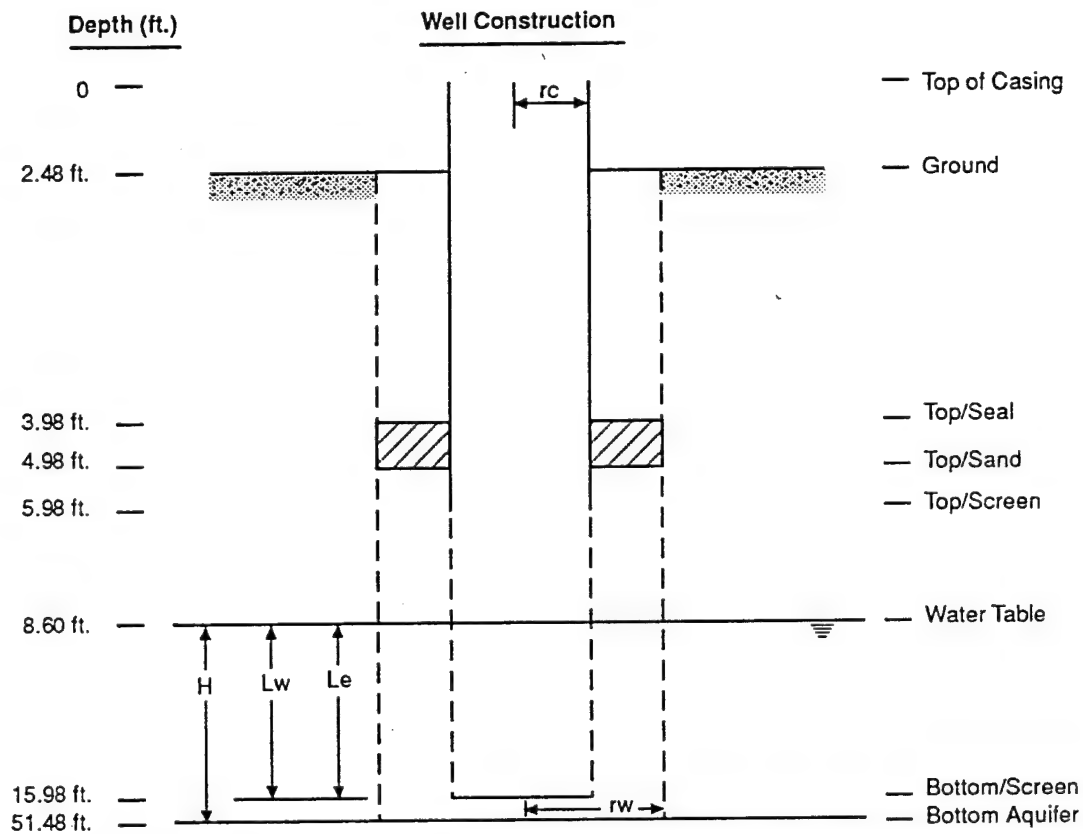
Checked By: CL

Project Number: 931976-03

Well Number: MW34

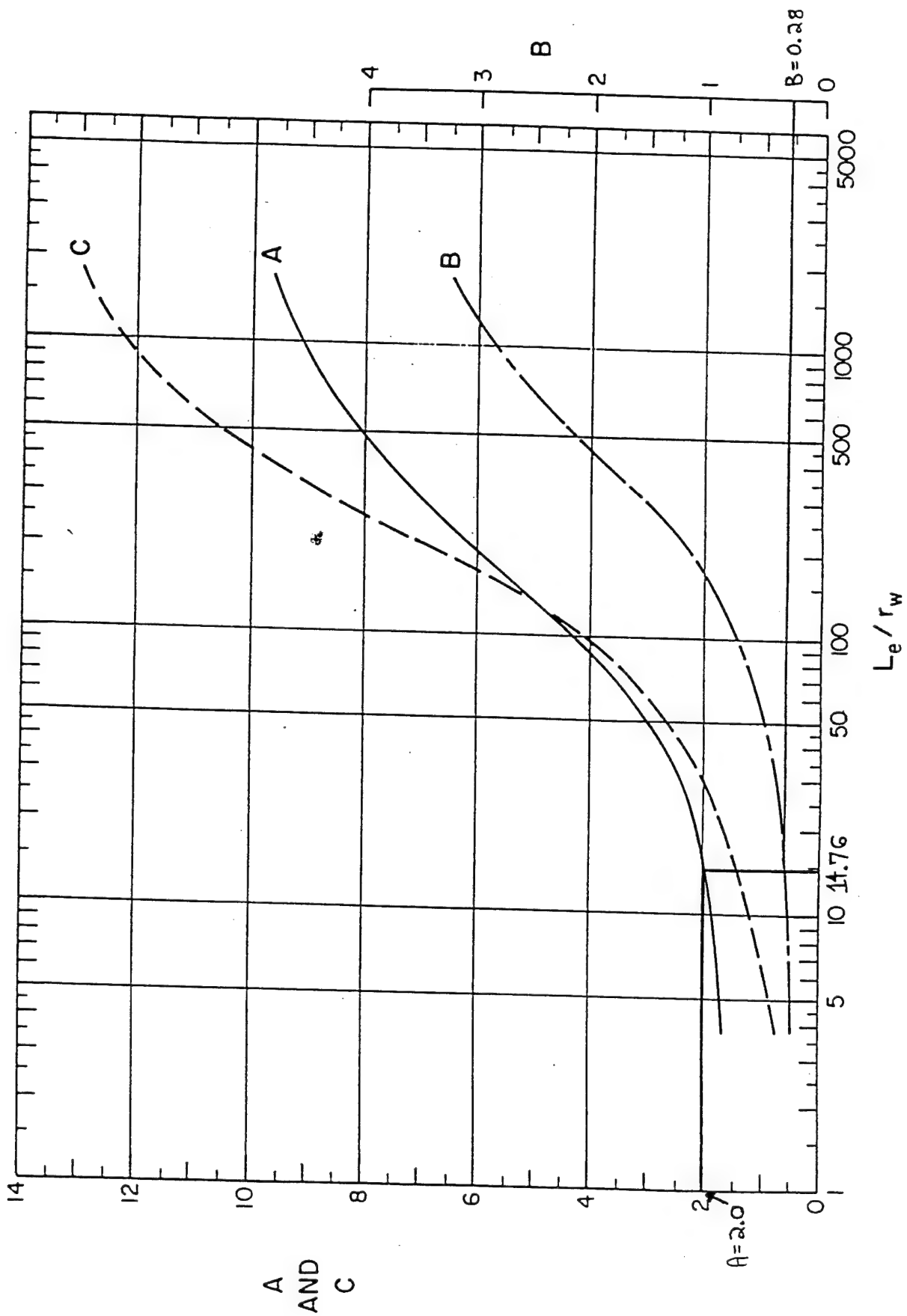
Date Completed: 6-7-94

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 42.88 ft.
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 7.38 ft.
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 7.38 ft.
- rc = Inside Radius of Well Casing = 0.1667 ft.
- rw = Radius of Well Developed Zone (Borehole) = 0.5 ft.
- Le/rw = 14.76
- A = From Attached Curve = 2.0
- B = From Attached Curve = 0.28
- C = Not Applicable



SLUG TEST DATA SHEET FOR MW-34 SLUG IN

STATIC WATER LEVEL (H0)

(H0) = 8.6 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|--------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 9 | 5 | 0 | 13.49 | 4.89 |
| 6/7/94 | 14 | 5.0033 | 0.0033 | 13.15 | 4.55 |
| 6/7/94 | 14 | 5.0066 | 0.0066 | 12.6 | 4 |
| 6/7/94 | 14 | 5.0099 | 0.0099 | 12.26 | 3.66 |
| 6/7/94 | 14 | 5.0133 | 0.0133 | 11.94 | 3.34 |
| 6/7/94 | 14 | 5.0166 | 0.0166 | 11.57 | 2.97 |
| 6/7/94 | 14 | 5.02 | 0.02 | 7.99 | -0.61 |
| 6/7/94 | 14 | 5.0233 | 0.0233 | 8.38 | -0.22 |
| 6/7/94 | 14 | 5.0266 | 0.0266 | 9.92 | 1.32 |
| 6/7/94 | 14 | 5.03 | 0.03 | 10.14 | 1.54 |
| 6/7/94 | 14 | 5.0333 | 0.0333 | 9.53 | 0.93 |
| 6/7/94 | 14 | 5.05 | 0.05 | 9.46 | 0.86 |
| 6/7/94 | 14 | 5.0666 | 0.0666 | 9.45 | 0.85 |
| 6/7/94 | 14 | 5.0833 | 0.0833 | 9.45 | 0.85 |
| 6/7/94 | 14 | 5.1 | 0.1 | 9.45 | 0.85 |
| 6/7/94 | 14 | 5.1166 | 0.1166 | 9.45 | 0.85 |
| 6/7/94 | 14 | 5.1333 | 0.1333 | 9.45 | 0.85 |
| 6/7/94 | 14 | 5.15 | 0.15 | 9.44 | 0.84 |
| 6/7/94 | 14 | 5.1666 | 0.1666 | 9.43 | 0.83 |
| 6/7/94 | 14 | 5.1833 | 0.1833 | 9.42 | 0.82 |
| 6/7/94 | 14 | 5.2 | 0.2 | 9.41 | 0.81 |
| 6/7/94 | 14 | 5.2166 | 0.2166 | 9.4 | 0.8 |
| 6/7/94 | 14 | 5.2333 | 0.2333 | 9.38 | 0.78 |
| 6/7/94 | 14 | 5.25 | 0.25 | 9.37 | 0.77 |
| 6/7/94 | 14 | 5.2666 | 0.2666 | 9.36 | 0.76 |
| 6/7/94 | 14 | 5.2833 | 0.2833 | 9.35 | 0.75 |
| 6/7/94 | 14 | 5.3 | 0.3 | 9.34 | 0.74 |
| 6/7/94 | 14 | 5.3166 | 0.3166 | 9.33 | 0.73 |
| 6/7/94 | 14 | 5.3333 | 0.3333 | 9.32 | 0.72 |
| 6/7/94 | 14 | 5.4167 | 0.4167 | 9.27 | 0.67 |
| 6/7/94 | 14 | 5.5 | 0.5 | 9.23 | 0.63 |
| 6/7/94 | 14 | 5.5833 | 0.5833 | 9.19 | 0.59 |
| 6/7/94 | 14 | 5.6667 | 0.6667 | 9.16 | 0.56 |
| 6/7/94 | 14 | 5.75 | 0.75 | 9.13 | 0.53 |
| 6/7/94 | 14 | 5.8333 | 0.8333 | 9.11 | 0.51 |
| 6/7/94 | 14 | 5.9167 | 0.9167 | 9.08 | 0.48 |

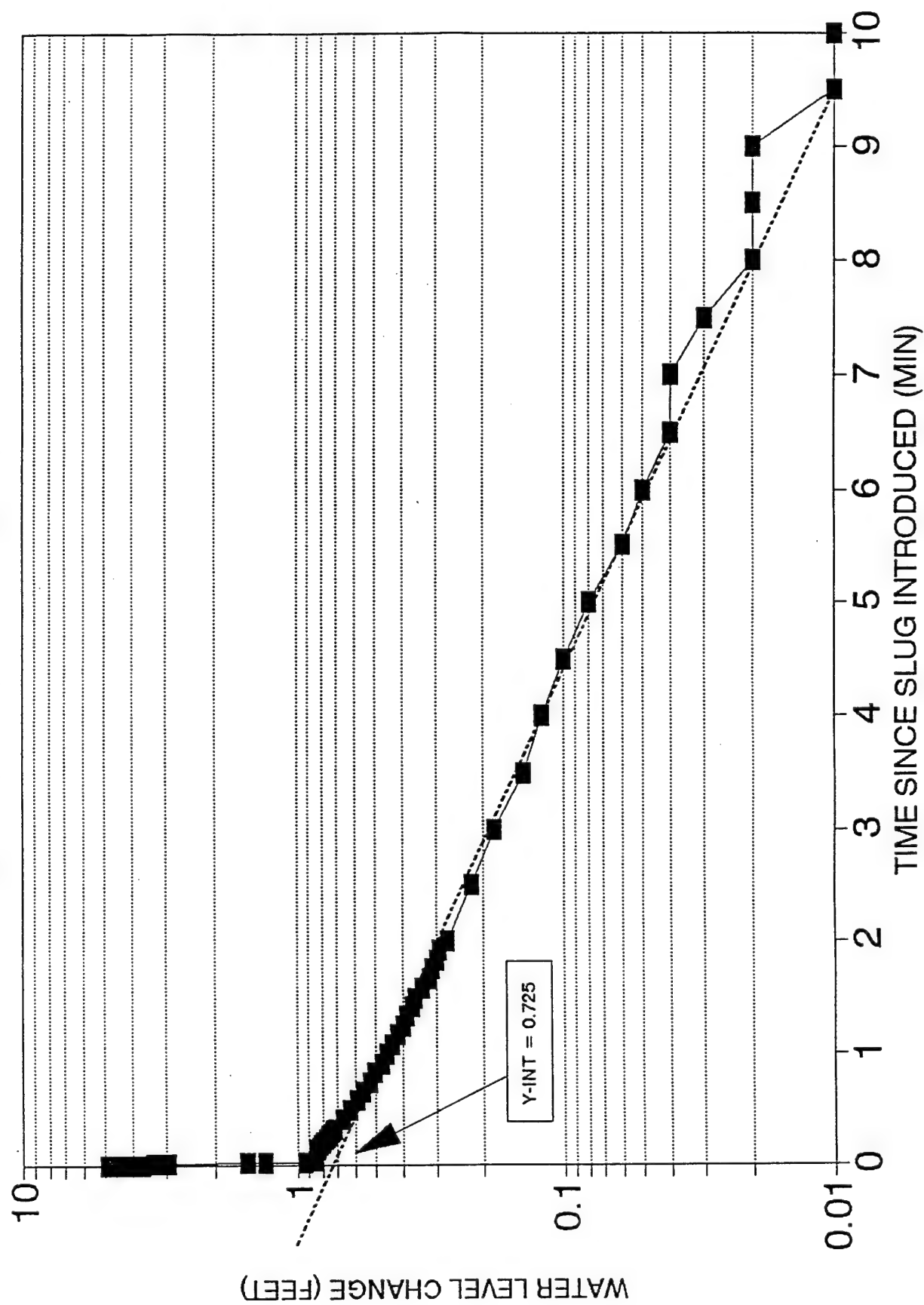
- thrown
out
data

SLUG TEST DATA SHEET FOR MW-34 SLUG IN

STATIC WATER LEVEL (H0)
(H0) = 8.6 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|--------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 14 | 6 | 1 | 9.06 | 0.46 |
| 6/7/94 | 14 | 6.0833 | 1.0833 | 9.04 | 0.44 |
| 6/7/94 | 14 | 6.1667 | 1.1667 | 9.02 | 0.42 |
| 6/7/94 | 14 | 6.25 | 1.25 | 9 | 0.4 |
| 6/7/94 | 14 | 6.3333 | 1.3333 | 8.99 | 0.39 |
| 6/7/94 | 14 | 6.4166 | 1.4166 | 8.97 | 0.37 |
| 6/7/94 | 14 | 6.5 | 1.5 | 8.96 | 0.36 |
| 6/7/94 | 14 | 6.5833 | 1.5833 | 8.94 | 0.34 |
| 6/7/94 | 14 | 6.6667 | 1.6667 | 8.92 | 0.32 |
| 6/7/94 | 14 | 6.75 | 1.75 | 8.91 | 0.31 |
| 6/7/94 | 14 | 6.8333 | 1.8333 | 8.9 | 0.3 |
| 6/7/94 | 14 | 6.9167 | 1.9167 | 8.89 | 0.29 |
| 6/7/94 | 14 | 7 | 2 | 8.87 | 0.27 |
| 6/7/94 | 14 | 7.5 | 2.5 | 8.82 | 0.22 |
| 6/7/94 | 14 | 8 | 3 | 8.78 | 0.18 |
| 6/7/94 | 14 | 8.5 | 3.5 | 8.74 | 0.14 |
| 6/7/94 | 14 | 9 | 4 | 8.72 | 0.12 |
| 6/7/94 | 14 | 9.5 | 4.5 | 8.7 | 0.1 |
| 6/7/94 | 14 | 10 | 5 | 8.68 | 0.08 |
| 6/7/94 | 14 | 10.5 | 5.5 | 8.66 | 0.06 |
| 6/7/94 | 14 | 11 | 6 | 8.65 | 0.05 |
| 6/7/94 | 14 | 11.5 | 6.5 | 8.64 | 0.04 |
| 6/7/94 | 14 | 12 | 7 | 8.64 | 0.04 |
| 6/7/94 | 14 | 12.5 | 7.5 | 8.63 | 0.03 |
| 6/7/94 | 14 | 13 | 8 | 8.62 | 0.02 |
| 6/7/94 | 14 | 13.5 | 8.5 | 8.62 | 0.02 |
| 6/7/94 | 14 | 14 | 9 | 8.62 | 0.02 |
| 6/7/94 | 14 | 14.5 | 9.5 | 8.61 | 0.01 |
| 6/7/94 | 14 | 15 | 10 | 8.61 | 0.01 |
| 6/7/94 | 14 | 17 | 12 | 8.6 | 0 |
| 6/7/94 | 14 | 19 | 14 | 8.6 | 0 |
| 6/7/94 | 14 | 21 | 16 | 8.6 | 0 |
| 6/7/94 | 14 | 23 | 18 | 8.6 | 0 |
| 6/7/94 | 14 | 25 | 20 | 8.6 | 0 |

SLUG TEST M₁v-34 SLUG IN



HYDRAULIC CONDUCTIVITY FOR MW-34 SLUG IN

JT VARIABLES

H = 42.88 FEET
Lw = 7.38 FEET
Le = 7.38 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 60 SEC (FROM SLUG TEST DATA)
Yt = 0.46 FEET (FROM SLUG TEST DATA)
Yo = 0.725 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 14.76 FEET
A = 2
B = 0.28

CALCULATIONS:

$$\ln(Rc/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw))/(Le/Rw)))$$
$$\ln(Rc/Rw) = 1.600012$$

$$K = ((Rc^2*\ln(Rc/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 2.28410393E-05 \text{ FT/SEC}$$

SLUG TEST DATA SHEET FOR MW-34 SLUG OUT

STATIC WATER LEVEL (HO)
(HO) = 8.6 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-HO |
| 6/7/94 | 9 | 29 | 0 | 5.64 | -2.96 |
| 6/7/94 | 9 | 29.0033 | 0.0033 | 5.66 | -2.94 |
| 6/7/94 | 9 | 29.0066 | 0.0066 | 5.72 | -2.88 |
| 6/7/94 | 9 | 29.0099 | 0.0099 | 5.79 | -2.81 |
| 6/7/94 | 9 | 29.0133 | 0.0133 | 5.85 | -2.75 |
| 6/7/94 | 9 | 29.0166 | 0.0166 | 5.91 | -2.69 |
| 6/7/94 | 9 | 29.02 | 0.02 | 5.96 | -2.64 |
| 6/7/94 | 9 | 29.0233 | 0.0233 | 5.97 | -2.63 |
| 6/7/94 | 9 | 29.0266 | 0.0266 | 6.03 | -2.57 |
| 6/7/94 | 9 | 29.03 | 0.03 | 6.06 | -2.54 |
| 6/7/94 | 9 | 29.0333 | 0.0333 | 6.15 | -2.45 |
| 6/7/94 | 9 | 29.05 | 0.05 | 6.33 | -2.27 |
| 6/7/94 | 9 | 29.0666 | 0.0666 | 6.52 | -2.08 |
| 7/94 | 9 | 29.0833 | 0.0833 | 6.69 | -1.91 |
| 6/7/94 | 9 | 29.1 | 0.1 | 6.84 | -1.76 |
| 6/7/94 | 9 | 29.1166 | 0.1166 | 6.98 | -1.62 |
| 6/7/94 | 9 | 29.1333 | 0.1333 | 7.11 | -1.49 |
| 6/7/94 | 9 | 29.15 | 0.15 | 7.23 | -1.37 |
| 6/7/94 | 9 | 29.1666 | 0.1666 | 7.32 | -1.28 |
| 6/7/94 | 9 | 29.1833 | 0.1833 | 7.4 | -1.2 |
| 6/7/94 | 9 | 29.2 | 0.2 | 7.48 | -1.12 |
| 6/7/94 | 9 | 29.2166 | 0.2166 | 7.53 | -1.07 |
| 6/7/94 | 9 | 29.2333 | 0.2333 | 7.58 | -1.02 |
| 6/7/94 | 9 | 29.25 | 0.25 | 7.63 | -0.97 |
| 6/7/94 | 9 | 29.2666 | 0.2666 | 7.66 | -0.94 |
| 6/7/94 | 9 | 29.2833 | 0.2833 | 7.69 | -0.91 |
| 6/7/94 | 9 | 29.3 | 0.3 | 7.72 | -0.88 |
| 6/7/94 | 9 | 29.3166 | 0.3166 | 7.74 | -0.86 |
| 6/7/94 | 9 | 29.3333 | 0.3333 | 7.77 | -0.83 |
| 6/7/94 | 9 | 29.4167 | 0.4167 | 7.85 | -0.75 |
| 6/7/94 | 9 | 29.5 | 0.5 | 7.91 | -0.69 |
| 6/7/94 | 9 | 29.5833 | 0.5833 | 7.96 | -0.64 |
| 6/7/94 | 9 | 29.6667 | 0.6667 | 8.01 | -0.59 |
| 7/94 | 9 | 29.75 | 0.75 | 8.05 | -0.55 |
| 7/94 | 9 | 29.8333 | 0.8333 | 8.09 | -0.51 |
| 6/7/94 | 9 | 29.9167 | 0.9167 | 8.12 | -0.48 |

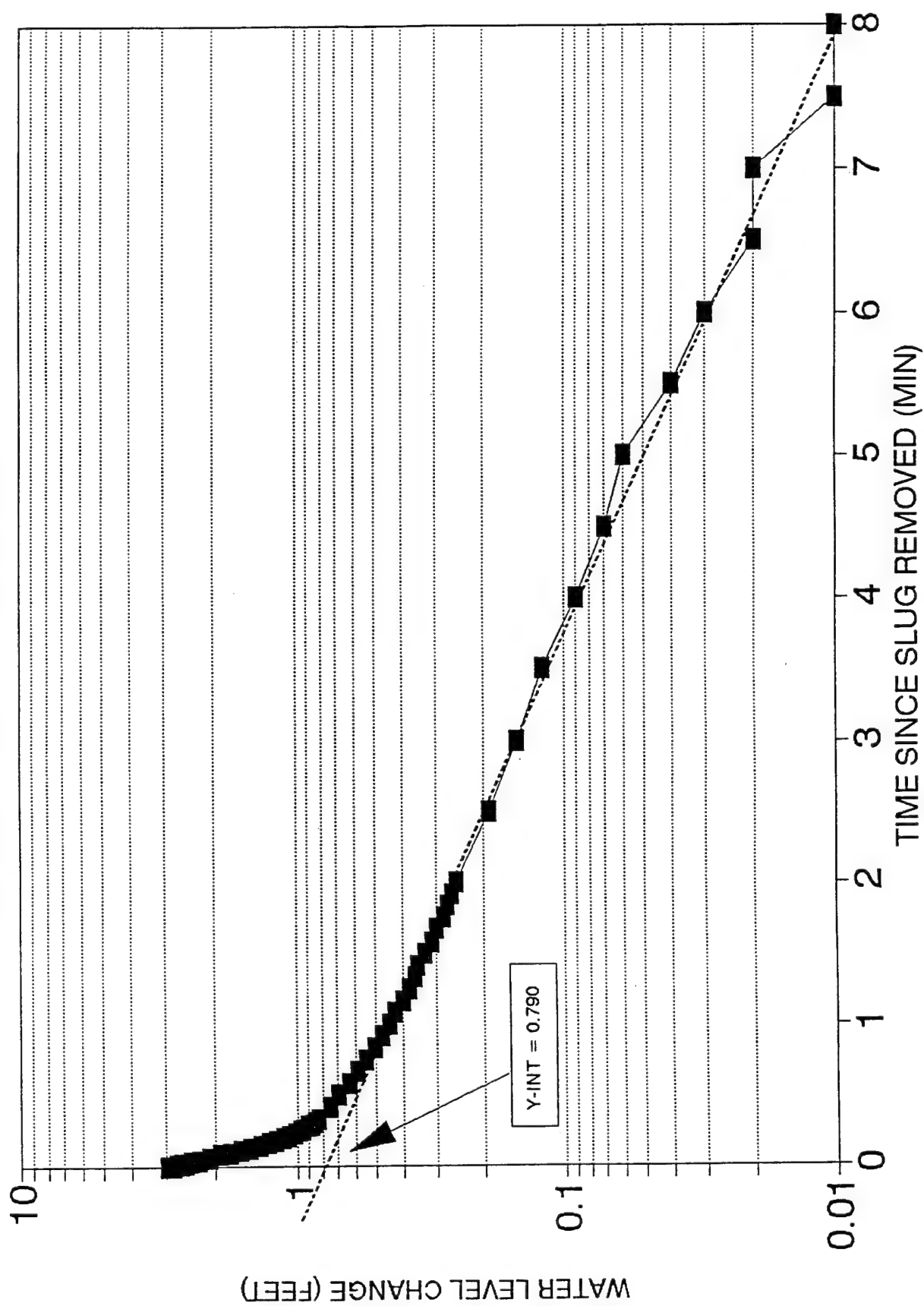
SLUG TEST DATA SHEET FOR MW-34 SLUG OUT

STATIC WATER LEVEL (H0)

(H0) = 8.6 FT TOC

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | T (MIN) | H | H-H0 |
| 6/7/94 | 9 | 30 | 1 | 8.15 | -0.45 |
| 6/7/94 | 9 | 30.0833 | 1.0833 | 8.17 | -0.43 |
| 6/7/94 | 9 | 30.1667 | 1.1667 | 8.2 | -0.4 |
| 6/7/94 | 9 | 30.25 | 1.25 | 8.22 | -0.38 |
| 6/7/94 | 9 | 30.3333 | 1.3333 | 8.24 | -0.36 |
| 6/7/94 | 9 | 30.4166 | 1.4166 | 8.25 | -0.35 |
| 6/7/94 | 9 | 30.5 | 1.5 | 8.27 | -0.33 |
| 6/7/94 | 9 | 30.5833 | 1.5833 | 8.29 | -0.31 |
| 6/7/94 | 9 | 30.6667 | 1.6667 | 8.3 | -0.3 |
| 6/7/94 | 9 | 30.75 | 1.75 | 8.32 | -0.28 |
| 6/7/94 | 9 | 30.8333 | 1.8333 | 8.33 | -0.27 |
| 6/7/94 | 9 | 30.9167 | 1.9167 | 8.34 | -0.26 |
| 6/7/94 | 9 | 31 | 2 | 8.35 | -0.25 |
| 6/7/94 | 9 | 31.5 | 2.5 | 8.41 | -0.19 |
| 6/7/94 | 9 | 32 | 3 | 8.45 | -0.15 |
| 6/7/94 | 9 | 32.5 | 3.5 | 8.48 | -0.12 |
| 6/7/94 | 9 | 33 | 4 | 8.51 | -0.09 |
| 6/7/94 | 9 | 33.5 | 4.5 | 8.53 | -0.07 |
| 6/7/94 | 9 | 34 | 5 | 8.54 | -0.06 |
| 6/7/94 | 9 | 34.5 | 5.5 | 8.56 | -0.04 |
| 6/7/94 | 9 | 35 | 6 | 8.57 | -0.03 |
| 6/7/94 | 9 | 35.5 | 6.5 | 8.58 | -0.02 |
| 6/7/94 | 9 | 36 | 7 | 8.58 | -0.02 |
| 6/7/94 | 9 | 36.5 | 7.5 | 8.59 | -0.01 |
| 6/7/94 | 9 | 37 | 8 | 8.59 | -0.01 |
| 6/7/94 | 9 | 37.5 | 8.5 | 8.6 | 0 |
| 6/7/94 | 9 | 38 | 9 | 8.6 | 0 |
| 6/7/94 | 9 | 38.5 | 9.5 | 8.6 | 0 |
| 6/7/94 | 9 | 39 | 10 | 8.6 | 0 |
| 6/7/94 | 9 | 41 | 12 | 8.6 | 0 |

SLUG TEST M_h-34 SLUG OUT



HYDRAULIC CONDUCTIVITY FOR MW-34 SLUG OUT

JT VARIABLES

H = 42.88 FEET
Lw = 7.38 FEET
Le = 7.38 FEET
Rc = 0.1667 FEET
Rw = 0.5 FEET
T = 60 SEC (FROM SLUG TEST DATA)
Yt = 0.45 FEET (FROM SLUG TEST DATA)
Yo = 0.79 FEET (Y-INT FROM SLUG TEST DATA PLOT)
Le/Rw = 14.76 FEET
A = 2
B = 0.28

CALCULATIONS:

$$\ln(Rc/Rw) = 1/(((1.1/\ln(Lw/Rw)) + (A+B*\ln((H-Lw)/Rw))/(Le/Rw)))$$
$$\ln(Rc/Rw) = 1.600012$$

$$K = ((Rc^2*\ln(Rc/Rw))/2*Le)*1/T*(\ln(Yo/Yt))$$
$$K = 2.82552790E-05 \text{ FT/SEC}$$

Hydraulic Conductivity Calculations

Project: Woodbridge Research Facility

Location: AREE 8

Computed by: DFP

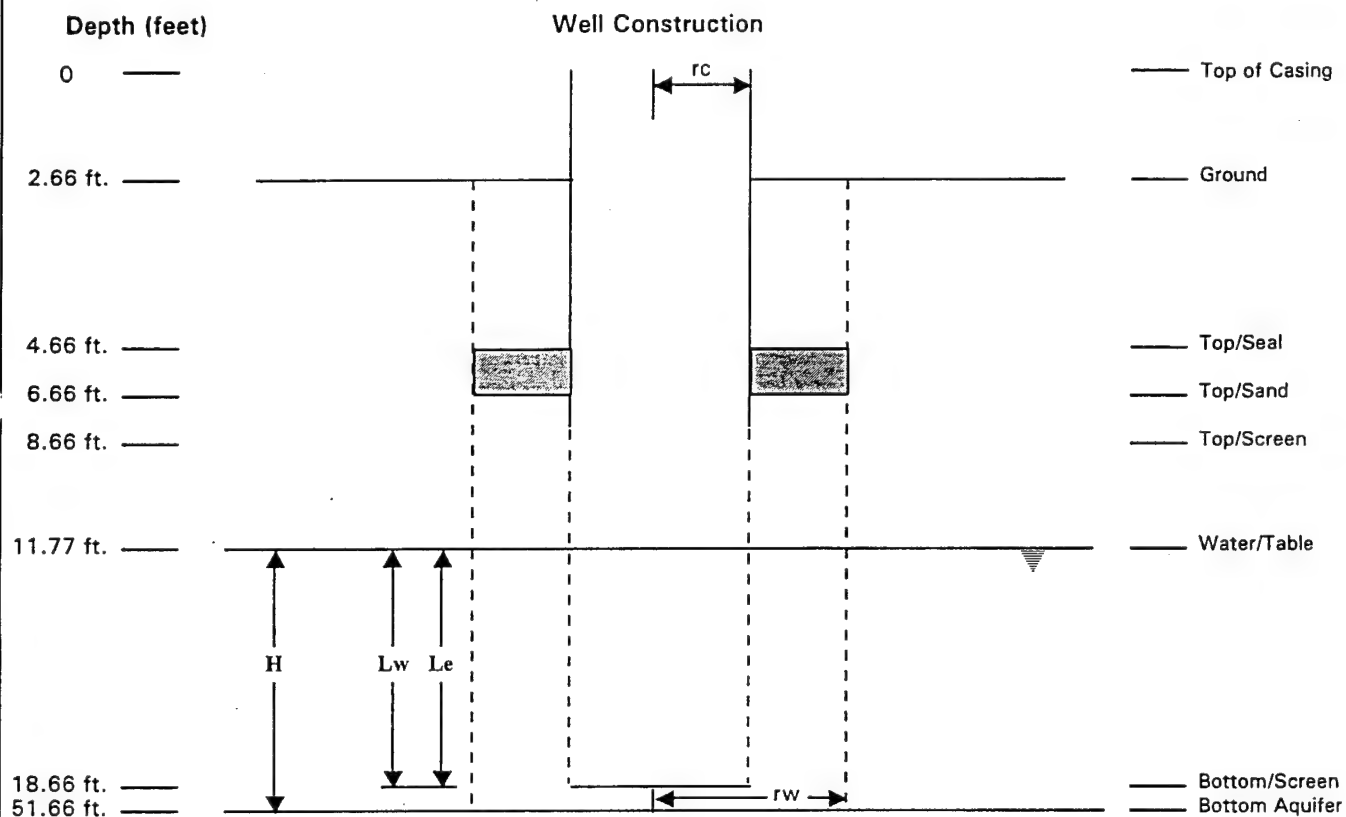
Checked by:

Project Number: 931976-03

Well Number: MW35

Date Completed: 05/03/95

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 39.89 feet
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 6.89 feet
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 10 feet
- rc = Inside Radius of Well Casing = 0.17 feet
- rw = Radius of Well Developed Zone (Borehole) = 0.33 feet

SLUG TEST DATA SHEET FOR MW35: SLUG IN

STATIC WATER LEVEL (H0) = 11.77 FT.

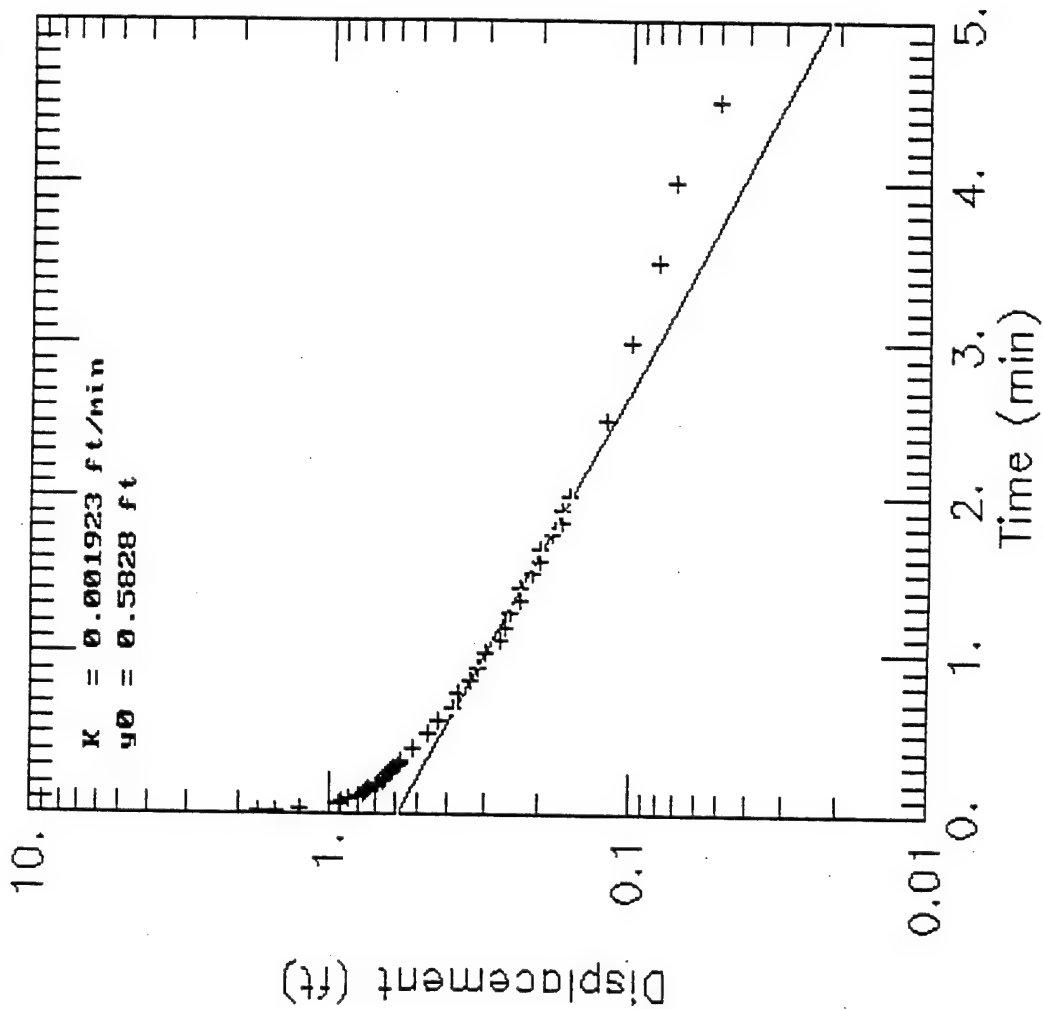
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 9 | 56 | 0 | 11.75 | 0.02 |
| 4/26/95 | 9 | 56.0033 | 0.0033 | 11.75 | 0.02 |
| 4/26/95 | 9 | 56.0066 | 0.0066 | 11.75 | 0.02 |
| 4/26/95 | 9 | 56.0099 | 0.0099 | 11.75 | 0.02 |
| 4/26/95 | 9 | 56.0133 | 0.0133 | 11.08 | 0.69 |
| 4/26/95 | 9 | 56.0166 | 0.0166 | 11.62 | 0.15 |
| 4/26/95 | 9 | 56.02 | 0.02 | 10.98 | 0.79 |
| 4/26/95 | 9 | 56.0233 | 0.0233 | 10.78 | 0.99 |
| 4/26/95 | 9 | 56.0266 | 0.0266 | 10.06 | 1.71 |
| 4/26/95 | 9 | 56.03 | 0.03 | 10.25 | 1.52 |
| 4/26/95 | 9 | 56.0333 | 0.0333 | 10.53 | 1.24 |
| 4/26/95 | 9 | 56.05 | 0.05 | 12.18 | -0.41 |
| 4/26/95 | 9 | 56.0666 | 0.0666 | 10.85 | 0.92 |
| 4/26/95 | 9 | 56.0833 | 0.0833 | 10.87 | 0.90 |
| 4/26/95 | 9 | 56.1 | 0.1 | 10.92 | 0.85 |
| 4/26/95 | 9 | 56.1166 | 0.1166 | 10.97 | 0.80 |
| 4/26/95 | 9 | 56.1333 | 0.1333 | 11.00 | 0.77 |
| 4/26/95 | 9 | 56.15 | 0.15 | 11.02 | 0.75 |
| 4/26/95 | 9 | 56.1666 | 0.1666 | 11.04 | 0.73 |
| 4/26/95 | 9 | 56.1833 | 0.1833 | 11.07 | 0.70 |
| 4/26/95 | 9 | 56.2 | 0.2 | 11.09 | 0.68 |
| 4/26/95 | 9 | 56.2166 | 0.2166 | 11.11 | 0.66 |
| 4/26/95 | 9 | 56.2333 | 0.2333 | 11.13 | 0.64 |
| 4/26/95 | 9 | 56.25 | 0.25 | 11.14 | 0.63 |
| 4/26/95 | 9 | 56.2666 | 0.2666 | 11.15 | 0.62 |
| 4/26/95 | 9 | 56.2833 | 0.2833 | 11.16 | 0.61 |
| 4/26/95 | 9 | 56.3 | 0.3 | 11.18 | 0.59 |
| 4/26/95 | 9 | 56.3166 | 0.3166 | 11.19 | 0.58 |
| 4/26/95 | 9 | 56.3333 | 0.3333 | 11.20 | 0.57 |
| 4/26/95 | 9 | 56.4167 | 0.4167 | 11.25 | 0.52 |
| 4/26/95 | 9 | 56.5 | 0.5 | 11.30 | 0.47 |
| 4/26/95 | 9 | 56.5833 | 0.5833 | 11.34 | 0.43 |
| 4/26/95 | 9 | 56.6667 | 0.6667 | 11.38 | 0.39 |
| 4/26/95 | 9 | 56.75 | 0.75 | 11.40 | 0.37 |
| 4/26/95 | 9 | 56.8333 | 0.8333 | 11.43 | 0.34 |
| 4/26/95 | 9 | 56.9167 | 0.9167 | 11.45 | 0.32 |

SLUG TEST DATA SHEET FOR MW35: SLUG IN

STATIC WATER LEVEL (H0) = 11.77 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 9 | 57 | 1 | 11.47 | 0.30 |
| 4/26/95 | 9 | 57.0833 | 1.0833 | 11.50 | 0.27 |
| 4/26/95 | 9 | 57.1667 | 1.1667 | 11.51 | 0.26 |
| 4/26/95 | 9 | 57.25 | 1.25 | 11.52 | 0.25 |
| 4/26/95 | 9 | 57.3333 | 1.3333 | 11.54 | 0.23 |
| 4/26/95 | 9 | 57.4166 | 1.4166 | 11.54 | 0.23 |
| 4/26/95 | 9 | 57.5 | 1.5 | 11.56 | 0.21 |
| 4/26/95 | 9 | 57.5833 | 1.5833 | 11.57 | 0.20 |
| 4/26/95 | 9 | 57.6667 | 1.6667 | 11.57 | 0.20 |
| 4/26/95 | 9 | 57.75 | 1.75 | 11.59 | 0.18 |
| 4/26/95 | 9 | 57.8333 | 1.8333 | 11.60 | 0.17 |
| 4/26/95 | 9 | 57.9167 | 1.9167 | 11.60 | 0.17 |
| 4/26/95 | 9 | 58 | 2 | 11.61 | 0.16 |
| 4/26/95 | 9 | 58.5 | 2.5 | 11.65 | 0.12 |
| 4/26/95 | 9 | 59 | 3 | 11.67 | 0.10 |
| 4/26/95 | 9 | 59.5 | 3.5 | 11.69 | 0.08 |
| 4/26/95 | 10 | 0 | 4 | 11.70 | 0.07 |
| 4/26/95 | 10 | 0.5 | 4.5 | 11.72 | 0.05 |
| 4/26/95 | 10 | 1 | 5 | 11.73 | 0.04 |
| 4/26/95 | 10 | 1.5 | 5.5 | 11.74 | 0.03 |
| 4/26/95 | 10 | 2 | 6 | 11.74 | 0.03 |
| 4/26/95 | 10 | 2.5 | 6.5 | 11.74 | 0.03 |
| 4/26/95 | 10 | 3 | 7 | 11.75 | 0.02 |
| 4/26/95 | 10 | 3.5 | 7.5 | 11.76 | 0.01 |
| 4/26/95 | 10 | 4 | 8 | 11.76 | 0.01 |
| 4/26/95 | 10 | 4.5 | 8.5 | 11.77 | 0.00 |
| 4/26/95 | 10 | 5 | 9 | 11.76 | 0.01 |
| 4/26/95 | 10 | 5.5 | 9.5 | 11.76 | 0.01 |
| 4/26/95 | 10 | 6 | 10 | 11.77 | 0.00 |
| 4/26/95 | 10 | 7 | 11 | 11.77 | 0.00 |
| 4/26/95 | 10 | 8 | 12 | 11.77 | 0.00 |
| 4/26/95 | 10 | 9 | 13 | 11.77 | 0.00 |
| 4/26/95 | 10 | 10 | 14 | 11.77 | 0.00 |
| 4/26/95 | 10 | 11 | 15 | 11.77 | 0.00 |
| 4/26/95 | 10 | 12 | 16 | 11.77 | 0.00 |
| 4/26/95 | 10 | 13 | 17 | 11.77 | 0.00 |

MW35 SLUG TEST: SLUG IN



SLUG TEST DATA SHEET FOR MW35: SLUG OUT

STATIC WATER LEVEL (H0) = 11.77 FT.

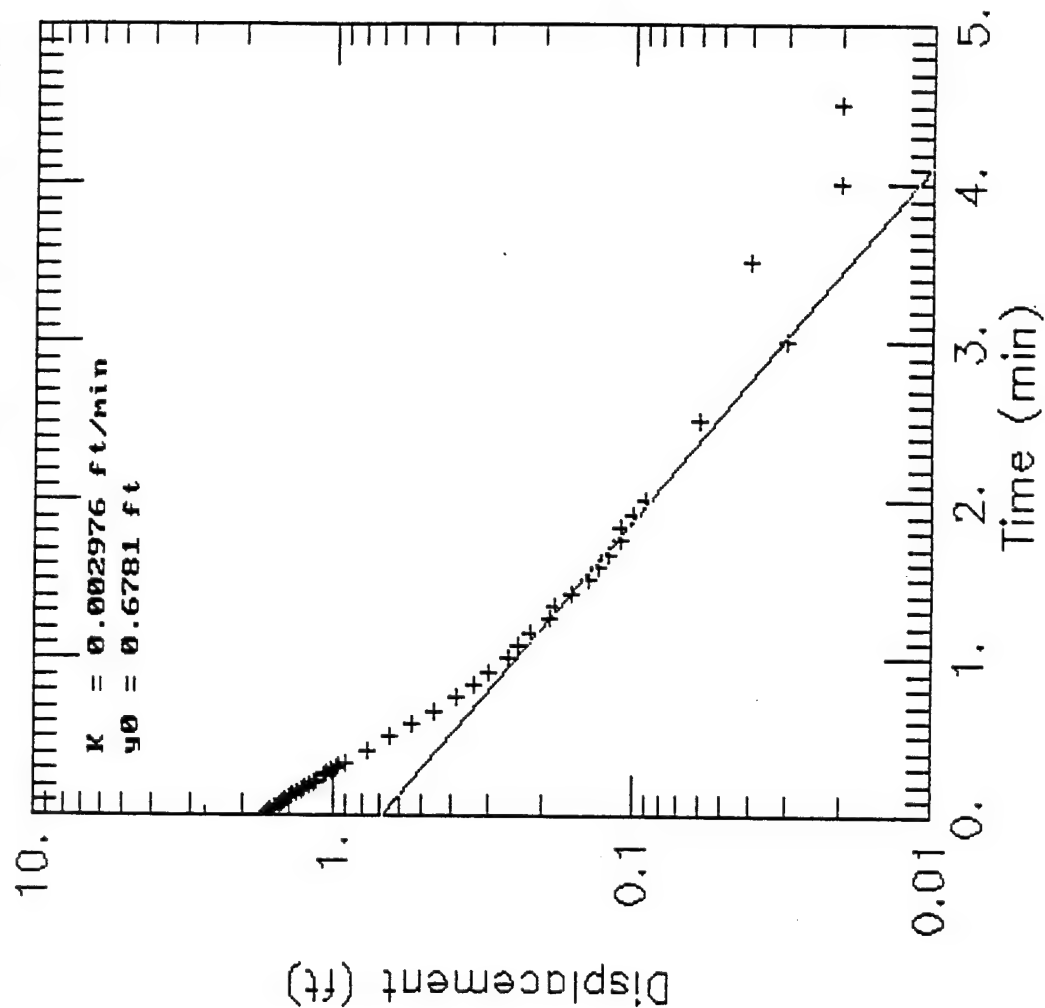
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 10 | 16 | 0 | 12.62 | -0.85 |
| 4/26/95 | 10 | 16.0033 | 0.0033 | 11.76 | 0.01 |
| 4/26/95 | 10 | 16.0066 | 0.0066 | 14.43 | -2.66 |
| 4/26/95 | 10 | 16.0099 | 0.0099 | 13.47 | -1.70 |
| 4/26/95 | 10 | 16.0133 | 0.0133 | 13.16 | -1.39 |
| 4/26/95 | 10 | 16.0166 | 0.0166 | 13.41 | -1.64 |
| 4/26/95 | 10 | 16.02 | 0.02 | 13.44 | -1.67 |
| 4/26/95 | 10 | 16.0233 | 0.0233 | 13.43 | -1.66 |
| 4/26/95 | 10 | 16.0266 | 0.0266 | 13.42 | -1.65 |
| 4/26/95 | 10 | 16.03 | 0.03 | 13.41 | -1.64 |
| 4/26/95 | 10 | 16.0333 | 0.0333 | 13.39 | -1.62 |
| 4/26/95 | 10 | 16.05 | 0.05 | 13.34 | -1.57 |
| 4/26/95 | 10 | 16.0666 | 0.0666 | 13.29 | -1.52 |
| 4/26/95 | 10 | 16.0833 | 0.0833 | 13.26 | -1.49 |
| 4/26/95 | 10 | 16.1 | 0.1 | 13.21 | -1.44 |
| 4/26/95 | 10 | 16.1166 | 0.1166 | 13.16 | -1.39 |
| 4/26/95 | 10 | 16.1333 | 0.1333 | 13.13 | -1.36 |
| 4/26/95 | 10 | 16.15 | 0.15 | 13.09 | -1.32 |
| 4/26/95 | 10 | 16.1666 | 0.1666 | 13.04 | -1.27 |
| 4/26/95 | 10 | 16.1833 | 0.1833 | 13.01 | -1.24 |
| 4/26/95 | 10 | 16.2 | 0.2 | 12.97 | -1.20 |
| 4/26/95 | 10 | 16.2166 | 0.2166 | 12.93 | -1.16 |
| 4/26/95 | 10 | 16.2333 | 0.2333 | 12.90 | -1.13 |
| 4/26/95 | 10 | 16.25 | 0.25 | 12.85 | -1.08 |
| 4/26/95 | 10 | 16.2666 | 0.2666 | 12.82 | -1.05 |
| 4/26/95 | 10 | 16.2833 | 0.2833 | 12.78 | -1.01 |
| 4/26/95 | 10 | 16.3 | 0.3 | 12.75 | -0.98 |
| 4/26/95 | 10 | 16.3166 | 0.3166 | 12.72 | -0.95 |
| 4/26/95 | 10 | 16.3333 | 0.3333 | 12.68 | -0.91 |
| 4/26/95 | 10 | 16.4167 | 0.4167 | 12.53 | -0.76 |
| 4/26/95 | 10 | 16.5 | 0.5 | 12.41 | -0.64 |
| 4/26/95 | 10 | 16.5833 | 0.5833 | 12.31 | -0.54 |
| 4/26/95 | 10 | 16.6667 | 0.6667 | 12.23 | -0.46 |
| 4/26/95 | 10 | 16.75 | 0.75 | 12.16 | -0.39 |
| 4/26/95 | 10 | 16.8333 | 0.8333 | 12.11 | -0.34 |
| 4/26/95 | 10 | 16.9167 | 0.9167 | 12.07 | -0.30 |

SLUG TEST DATA SHEET FOR MW35: SLUG OUT

STATIC WATER LEVEL (H0) = 11.77 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|-------------|-------------|--------|
| | | | SLUG INTRO/ | (FT. BELOW | LEVEL |
| | | | REMOVED | DATUM) | CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 10 | 17 | 1 | 12.03 | -0.26 |
| 4/26/95 | 10 | 17.0833 | 1.0833 | 12.01 | -0.24 |
| 4/26/95 | 10 | 17.1667 | 1.1667 | 11.99 | -0.22 |
| 4/26/95 | 10 | 17.25 | 1.25 | 11.96 | -0.19 |
| 4/26/95 | 10 | 17.3333 | 1.3333 | 11.95 | -0.18 |
| 4/26/95 | 10 | 17.4166 | 1.4166 | 11.93 | -0.16 |
| 4/26/95 | 10 | 17.5 | 1.5 | 11.91 | -0.14 |
| 4/26/95 | 10 | 17.5833 | 1.5833 | 11.90 | -0.13 |
| 4/26/95 | 10 | 17.6667 | 1.6667 | 11.89 | -0.12 |
| 4/26/95 | 10 | 17.75 | 1.75 | 11.88 | -0.11 |
| 4/26/95 | 10 | 17.8333 | 1.8333 | 11.88 | -0.11 |
| 4/26/95 | 10 | 17.9167 | 1.9167 | 11.87 | -0.10 |
| 4/26/95 | 10 | 18 | 2 | 11.86 | -0.09 |
| 4/26/95 | 10 | 18.5 | 2.5 | 11.83 | -0.06 |
| 4/26/95 | 10 | 19 | 3 | 11.80 | -0.03 |
| 4/26/95 | 10 | 19.5 | 3.5 | 11.81 | -0.04 |
| 4/26/95 | 10 | 20 | 4 | 11.79 | -0.02 |
| 4/26/95 | 10 | 20.5 | 4.5 | 11.79 | -0.02 |
| 4/26/95 | 10 | 21 | 5 | 11.79 | -0.02 |
| 4/26/95 | 10 | 21.5 | 5.5 | 11.78 | -0.01 |
| 4/26/95 | 10 | 22 | 6 | 11.78 | -0.01 |
| 4/26/95 | 10 | 22.5 | 6.5 | 11.78 | -0.01 |
| 4/26/95 | 10 | 23 | 7 | 11.78 | -0.01 |
| 4/26/95 | 10 | 23.5 | 7.5 | 11.78 | -0.01 |
| 4/26/95 | 10 | 24 | 8 | 11.78 | -0.01 |
| 4/26/95 | 10 | 24.5 | 8.5 | 11.78 | -0.01 |
| 4/26/95 | 10 | 25 | 9 | 11.78 | -0.01 |
| 4/26/95 | 10 | 25.5 | 9.5 | 11.78 | -0.01 |
| 4/26/95 | 10 | 26 | 10 | 11.78 | -0.01 |
| 4/26/95 | 10 | 27 | 11 | 11.78 | -0.01 |
| 4/26/95 | 10 | 28 | 12 | 11.78 | -0.01 |
| 4/26/95 | 10 | 29 | 13 | 11.78 | -0.01 |
| 4/26/95 | 10 | 30 | 14 | 11.79 | -0.02 |
| 4/26/95 | 10 | 31 | 15 | 11.79 | -0.02 |
| 4/26/95 | 10 | 32 | 16 | 11.79 | -0.02 |

MW35 SLUG TEST: SLUG OUT



Hydraulic Conductivity Calculations

Project: Woodbridge Research Facility

Location: AREE 8

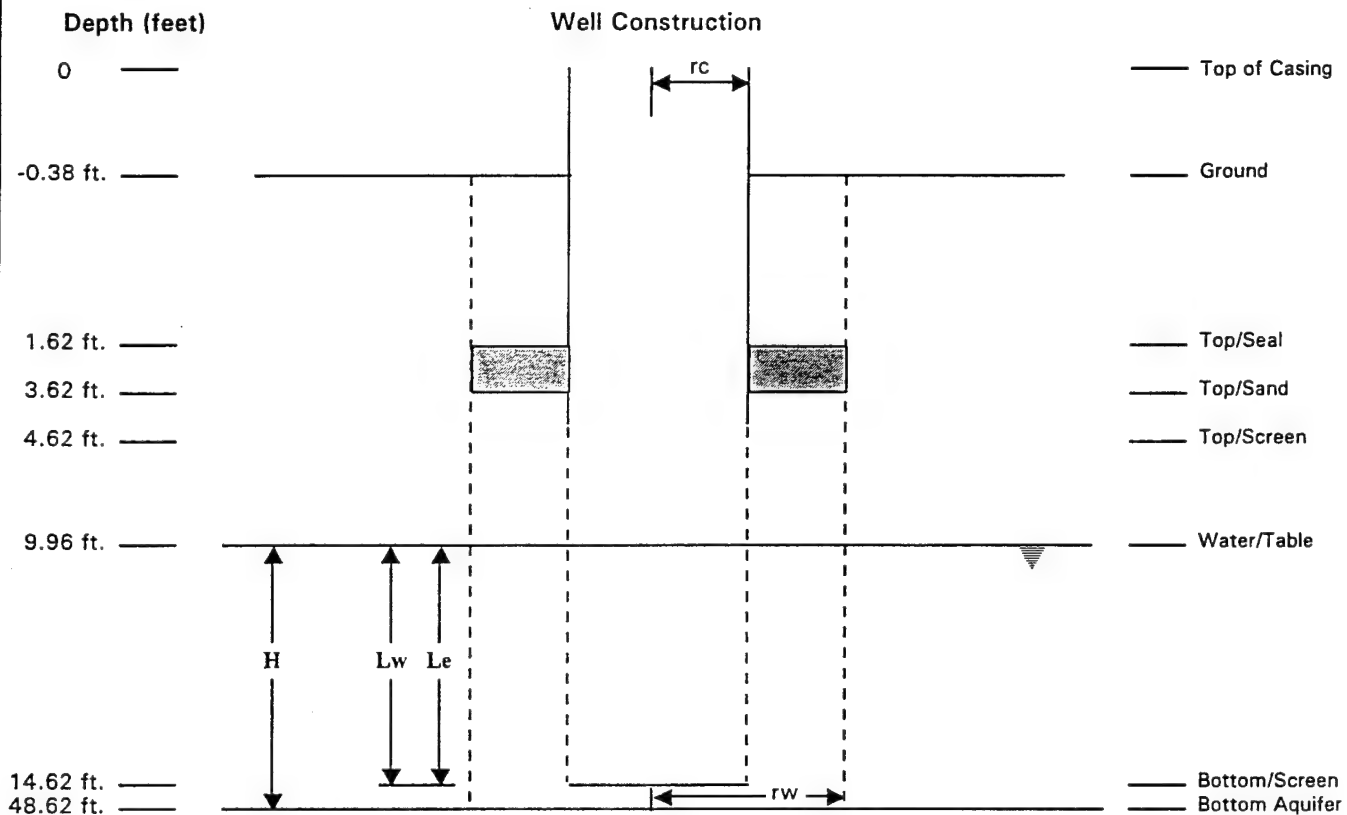
Computed by: DFP
Checked by:

Project Number: 931976-03

Well Number: MW36

Date Completed: 05/03/95

Reference: Bower and Rice Method (1976)



Explanation

H = Depth of Saturated Zone = 38.66 feet

Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 4.66 feet

Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 10 feet

rc = Inside Radius of Well Casing = 0.08 feet

rw = Radius of Well Developed Zone (Borehole) = 0.25 feet

SLUG TEST DATA SHEET FOR MW36: SLUG IN

STATIC WATER LEVEL (H0) = 9.96 FT.

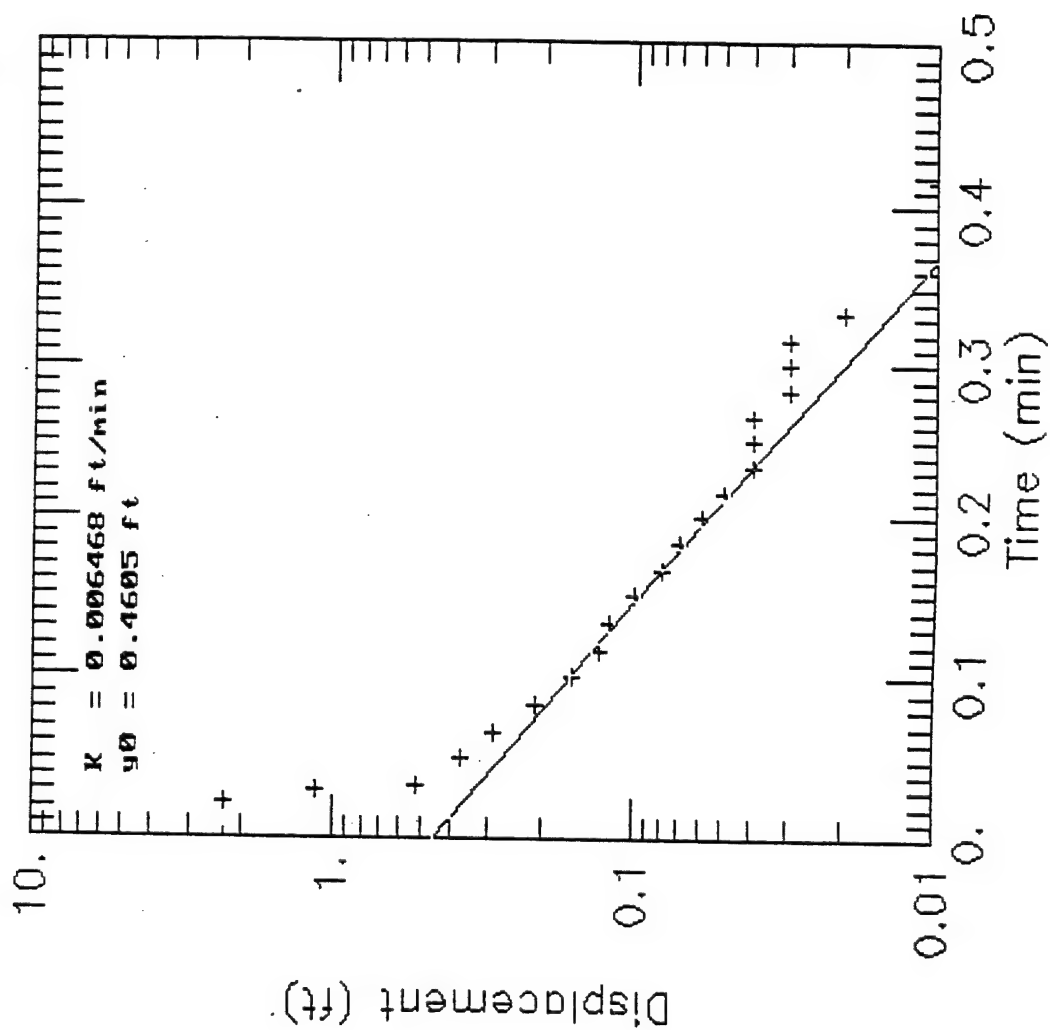
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|---------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 13 | 50 | 0 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.0033 | 0.0033 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.0066 | 0.0066 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.0099 | 0.0099 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.0133 | 0.0133 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.0166 | 0.0166 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.02 | 0.02 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.0233 | 0.0233 | 7.68 | 2.28 |
| 4/26/95 | 13 | 50.0266 | 0.0266 | 9.73 | 0.23 |
| 4/26/95 | 13 | 50.03 | 0.03 | 8.82 | 1.14 |
| 4/26/95 | 13 | 50.0333 | 0.0333 | 9.44 | 0.52 |
| 4/26/95 | 13 | 50.05 | 0.05 | 9.59 | 0.37 |
| 4/26/95 | 13 | 50.0666 | 0.0666 | 9.67 | 0.29 |
| 4/26/95 | 13 | 50.0833 | 0.0833 | 9.75 | 0.21 |
| 4/26/95 | 13 | 50.1 | 0.1 | 9.80 | 0.16 |
| 4/26/95 | 13 | 50.1166 | 0.1166 | 9.83 | 0.13 |
| 4/26/95 | 13 | 50.1333 | 0.1333 | 9.84 | 0.12 |
| 4/26/95 | 13 | 50.15 | 0.15 | 9.86 | 0.10 |
| 4/26/95 | 13 | 50.1666 | 0.1666 | 9.88 | 0.08 |
| 4/26/95 | 13 | 50.1833 | 0.1833 | 9.89 | 0.07 |
| 4/26/95 | 13 | 50.2 | 0.2 | 9.90 | 0.06 |
| 4/26/95 | 13 | 50.2166 | 0.2166 | 9.91 | 0.05 |
| 4/26/95 | 13 | 50.2333 | 0.2333 | 9.92 | 0.04 |
| 4/26/95 | 13 | 50.25 | 0.25 | 9.92 | 0.04 |
| 4/26/95 | 13 | 50.2666 | 0.2666 | 9.92 | 0.04 |
| 4/26/95 | 13 | 50.2833 | 0.2833 | 9.93 | 0.03 |
| 4/26/95 | 13 | 50.3 | 0.3 | 9.93 | 0.03 |
| 4/26/95 | 13 | 50.3166 | 0.3166 | 9.93 | 0.03 |
| 4/26/95 | 13 | 50.3333 | 0.3333 | 9.94 | 0.02 |
| 4/26/95 | 13 | 50.4167 | 0.4167 | 9.95 | 0.01 |
| 4/26/95 | 13 | 50.5 | 0.5 | 9.95 | 0.01 |
| 4/26/95 | 13 | 50.5833 | 0.5833 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.6667 | 0.6667 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.75 | 0.75 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.8333 | 0.8333 | 9.96 | 0.00 |
| 4/26/95 | 13 | 50.9167 | 0.9167 | 9.96 | 0.00 |

SLUG TEST DATA SHEET FOR MW36: SLUG IN

STATIC WATER LEVEL (H0) = 9.96 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|-------------|-------------|--------|
| | | | SLUG INTRO/ | (FT. BELOW | LEVEL |
| | | | REMOVED | DATUM) | CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 13 | 51 | 1 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.0833 | 1.0833 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.1667 | 1.1667 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.25 | 1.25 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.3333 | 1.3333 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.4166 | 1.4166 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.5 | 1.5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.5833 | 1.5833 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.6667 | 1.6667 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.75 | 1.75 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.8333 | 1.8333 | 9.96 | 0.00 |
| 4/26/95 | 13 | 51.9167 | 1.9167 | 9.96 | 0.00 |
| 4/26/95 | 13 | 52 | 2 | 9.96 | 0.00 |
| 4/26/95 | 13 | 52.5 | 2.5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 53 | 3 | 9.96 | 0.00 |
| 4/26/95 | 13 | 53.5 | 3.5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 54 | 4 | 9.96 | 0.00 |
| 4/26/95 | 13 | 54.5 | 4.5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 55 | 5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 55.5 | 5.5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 56 | 6 | 9.96 | 0.00 |
| 4/26/95 | 13 | 56.5 | 6.5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 57 | 7 | 9.96 | 0.00 |
| 4/26/95 | 13 | 57.5 | 7.5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 58 | 8 | 9.96 | 0.00 |
| 4/26/95 | 13 | 58.5 | 8.5 | 9.96 | 0.00 |
| 4/26/95 | 13 | 59 | 9 | 9.96 | 0.00 |
| 4/26/95 | 13 | 59.5 | 9.5 | 9.96 | 0.00 |
| 4/26/95 | 14 | 60 | 10 | 9.96 | 0.00 |
| 4/26/95 | 14 | 61 | 11 | 9.97 | -0.01 |

MW36 SLUG TEST: SLUG IN



SLUG TEST DATA SHEET FOR MW36: SLUG OUT

STATIC WATER LEVEL (H0) = 9.96 FT.

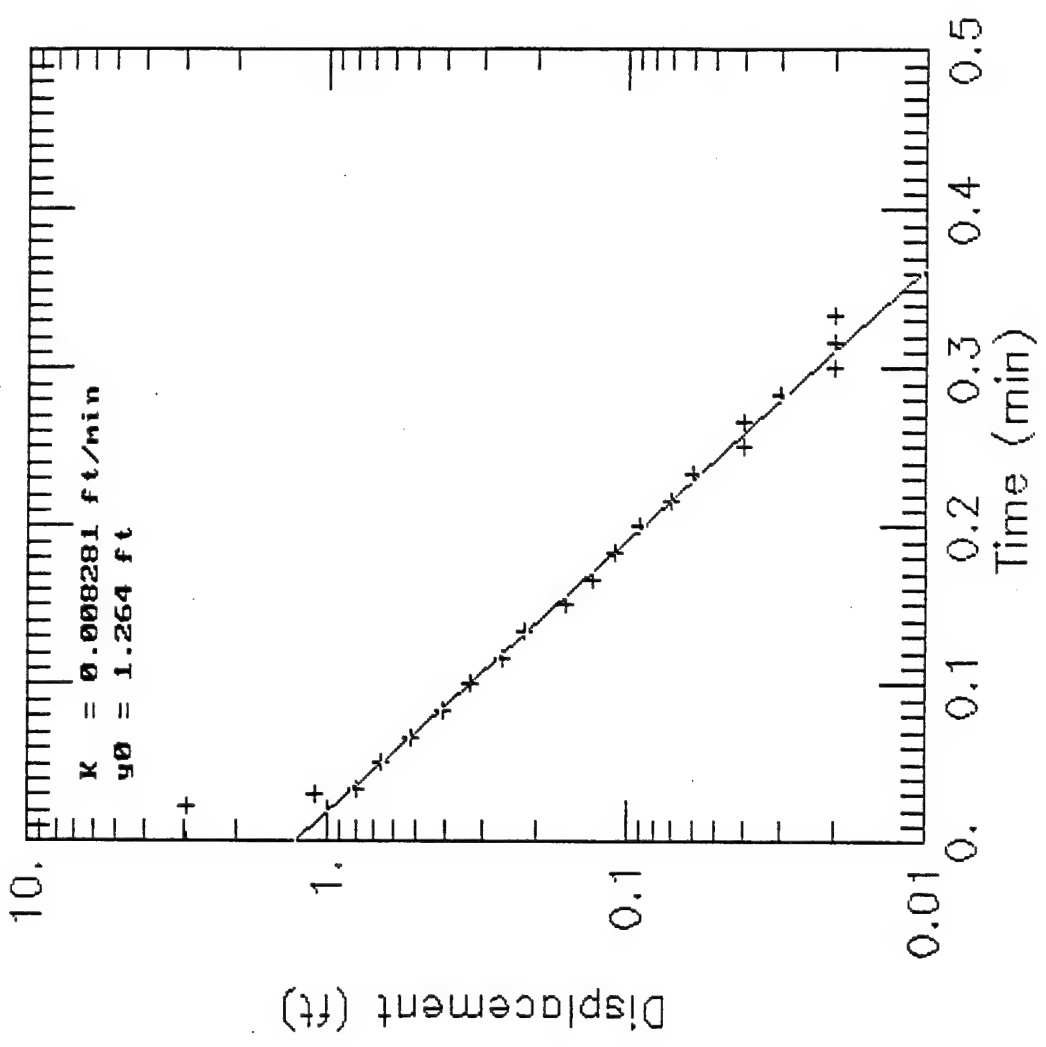
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|--------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 14 | 3 | 0.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.0033 | 0.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.0066 | 0.01 | 9.99 | -0.03 |
| 4/26/95 | 14 | 3.0099 | 0.01 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.0133 | 0.01 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.0166 | 0.02 | 9.94 | 0.02 |
| 4/26/95 | 14 | 3.02 | 0.02 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.0233 | 0.02 | 12.88 | -2.92 |
| 4/26/95 | 14 | 3.0266 | 0.03 | 9.61 | 0.35 |
| 4/26/95 | 14 | 3.03 | 0.03 | 11.06 | -1.10 |
| 4/26/95 | 14 | 3.0333 | 0.03 | 10.75 | -0.79 |
| 4/26/95 | 14 | 3.05 | 0.05 | 10.61 | -0.65 |
| 4/26/95 | 14 | 3.0666 | 0.07 | 10.48 | -0.52 |
| 4/26/95 | 14 | 3.0833 | 0.08 | 10.37 | -0.41 |
| 4/26/95 | 14 | 3.1 | 0.10 | 10.29 | -0.33 |
| 4/26/95 | 14 | 3.1166 | 0.12 | 10.22 | -0.26 |
| 4/26/95 | 14 | 3.1333 | 0.13 | 10.18 | -0.22 |
| 4/26/95 | 14 | 3.15 | 0.15 | 10.12 | -0.16 |
| 4/26/95 | 14 | 3.1666 | 0.17 | 10.09 | -0.13 |
| 4/26/95 | 14 | 3.1833 | 0.18 | 10.07 | -0.11 |
| 4/26/95 | 14 | 3.2 | 0.20 | 10.05 | -0.09 |
| 4/26/95 | 14 | 3.2166 | 0.22 | 10.03 | -0.07 |
| 4/26/95 | 14 | 3.2333 | 0.23 | 10.02 | -0.06 |
| 4/26/95 | 14 | 3.25 | 0.25 | 10.00 | -0.04 |
| 4/26/95 | 14 | 3.2666 | 0.27 | 10.00 | -0.04 |
| 4/26/95 | 14 | 3.2833 | 0.28 | 9.99 | -0.03 |
| 4/26/95 | 14 | 3.3 | 0.30 | 9.98 | -0.02 |
| 4/26/95 | 14 | 3.3166 | 0.32 | 9.98 | -0.02 |
| 4/26/95 | 14 | 3.3333 | 0.33 | 9.98 | -0.02 |
| 4/26/95 | 14 | 3.4167 | 0.42 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.5 | 0.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.5833 | 0.58 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.6667 | 0.67 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.75 | 0.75 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.8333 | 0.83 | 9.96 | 0.00 |
| 4/26/95 | 14 | 3.9167 | 0.92 | 9.96 | 0.00 |

SLUG TEST DATA SHEET FOR MW36: SLUG OUT

STATIC WATER LEVEL (H0) = 9.96 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|--------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 14 | 4 | 1.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.0833 | 1.08 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.1667 | 1.17 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.25 | 1.25 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.3333 | 1.33 | 9.95 | 0.01 |
| 4/26/95 | 14 | 4.4166 | 1.42 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.5 | 1.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.5833 | 1.58 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.6667 | 1.67 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.75 | 1.75 | 9.95 | 0.01 |
| 4/26/95 | 14 | 4.8333 | 1.83 | 9.96 | 0.00 |
| 4/26/95 | 14 | 4.9167 | 1.92 | 9.96 | 0.00 |
| 4/26/95 | 14 | 5 | 2.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 5.5 | 2.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 6 | 3.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 6.5 | 3.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 7 | 4.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 7.5 | 4.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 8 | 5.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 8.5 | 5.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 9 | 6.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 9.5 | 6.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 10 | 7.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 10.5 | 7.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 11 | 8.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 11.5 | 8.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 12 | 9.00 | 9.96 | 0.00 |
| 4/26/95 | 14 | 12.5 | 9.50 | 9.96 | 0.00 |
| 4/26/95 | 14 | 13 | 10.00 | 9.96 | 0.00 |

MW36 SLUG TEST: SLUG OUT



Hydraulic Conductivity Calculations

Project: Woodbridge Research Facility

Location: AREE 8

Computed by: DFP

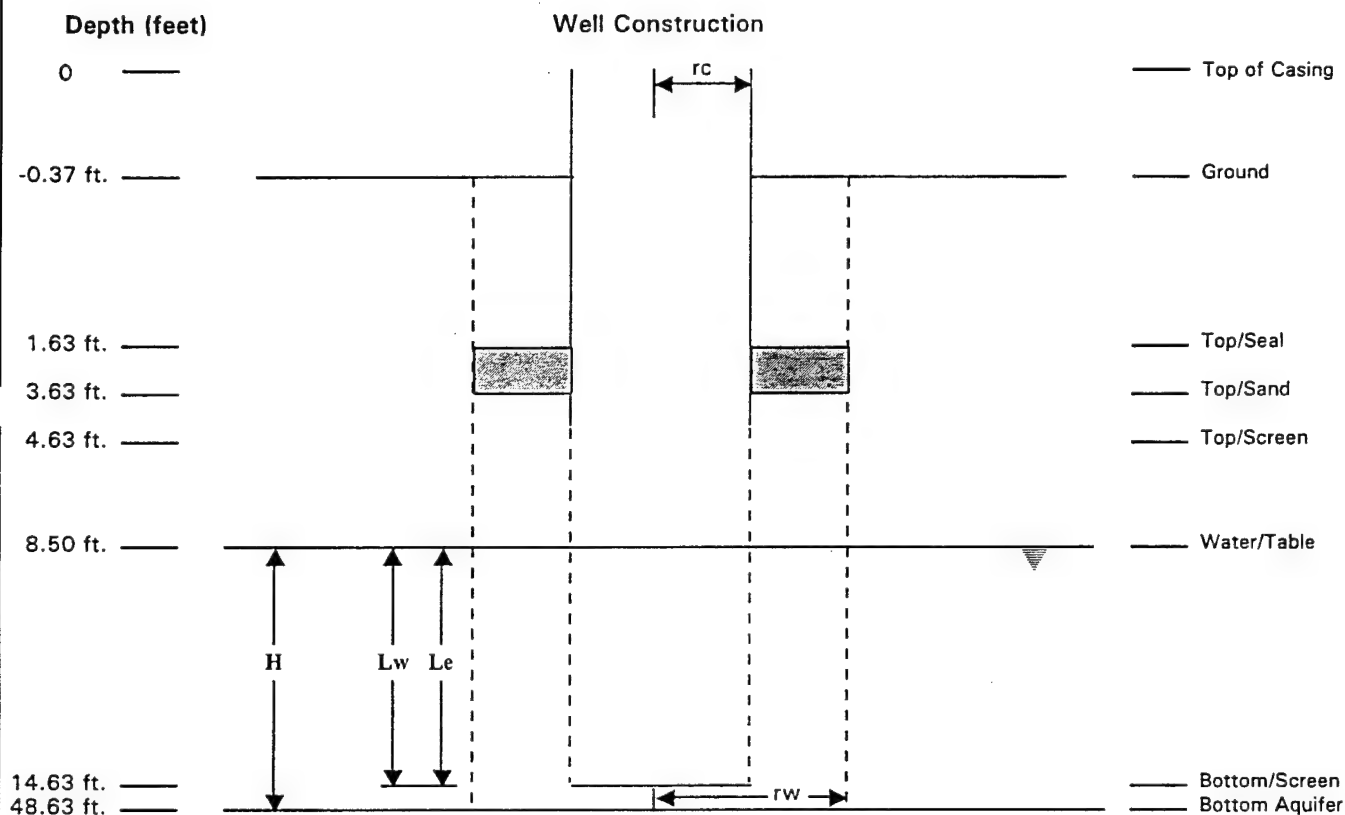
Checked by:

Project Number: 931976-03

Well Number: MW37

Date Completed: 05/03/95

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 40.13 feet
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 6.13 feet
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 10 feet
- rc = Inside Radius of Well Casing = 0.17 feet
- rw = Radius of Well Developed Zone (Borehole) = 0.33 feet

SLUG TEST DATA SHEET FOR MW37: SLUG IN

STATIC WATER LEVEL (H0) = 8.50 FT.

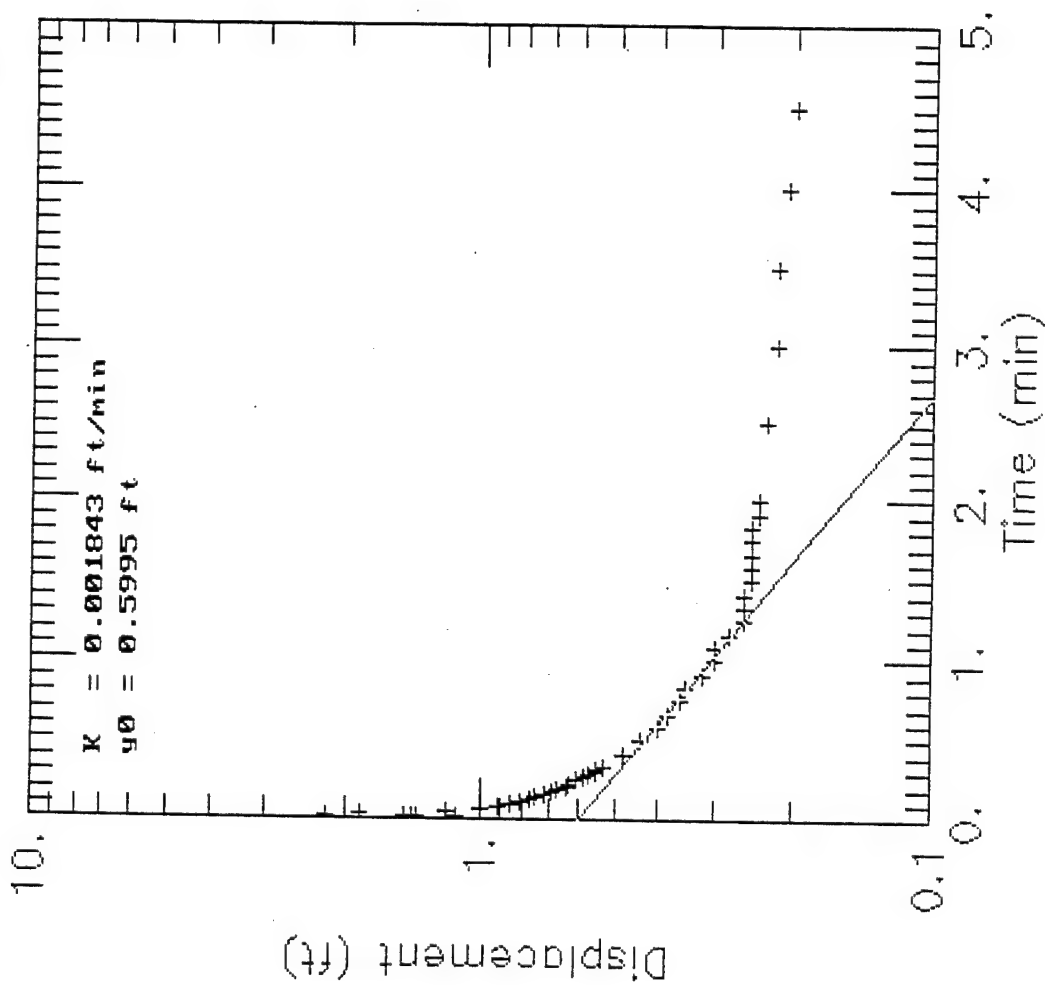
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 14 | 45 | 0 | 8.43 | 0.07 |
| 4/27/95 | 14 | 45.0033 | 0.0033 | 8.43 | 0.07 |
| 4/27/95 | 14 | 45.0066 | 0.0066 | 8.14 | 0.36 |
| 4/27/95 | 14 | 45.0099 | 0.0099 | 7.51 | 0.99 |
| 4/27/95 | 14 | 45.0133 | 0.0133 | 6.53 | 1.97 |
| 4/27/95 | 14 | 45.0166 | 0.0166 | 6.30 | 2.20 |
| 4/27/95 | 14 | 45.02 | 0.02 | 7.08 | 1.42 |
| 4/27/95 | 14 | 45.0233 | 0.0233 | 7.02 | 1.48 |
| 4/27/95 | 14 | 45.0266 | 0.0266 | 7.37 | 1.13 |
| 4/27/95 | 14 | 45.03 | 0.03 | 7.12 | 1.38 |
| 4/27/95 | 14 | 45.0333 | 0.0333 | 6.65 | 1.85 |
| 4/27/95 | 14 | 45.05 | 0.05 | 7.32 | 1.18 |
| 4/27/95 | 14 | 45.0666 | 0.0666 | 7.51 | 0.99 |
| 4/27/95 | 14 | 45.0833 | 0.0833 | 7.59 | 0.91 |
| 4/27/95 | 14 | 45.1 | 0.1 | 7.64 | 0.86 |
| 4/27/95 | 14 | 45.1166 | 0.1166 | 7.69 | 0.81 |
| 4/27/95 | 14 | 45.1333 | 0.1333 | 7.73 | 0.77 |
| 4/27/95 | 14 | 45.15 | 0.15 | 7.75 | 0.75 |
| 4/27/95 | 14 | 45.1666 | 0.1666 | 7.78 | 0.72 |
| 4/27/95 | 14 | 45.1833 | 0.1833 | 7.81 | 0.69 |
| 4/27/95 | 14 | 45.2 | 0.2 | 7.83 | 0.67 |
| 4/27/95 | 14 | 45.2166 | 0.2166 | 7.86 | 0.64 |
| 4/27/95 | 14 | 45.2333 | 0.2333 | 7.87 | 0.63 |
| 4/27/95 | 14 | 45.25 | 0.25 | 7.89 | 0.61 |
| 4/27/95 | 14 | 45.2666 | 0.2666 | 7.91 | 0.59 |
| 4/27/95 | 14 | 45.2833 | 0.2833 | 7.93 | 0.57 |
| 4/27/95 | 14 | 45.3 | 0.3 | 7.95 | 0.55 |
| 4/27/95 | 14 | 45.3166 | 0.3166 | 7.95 | 0.55 |
| 4/27/95 | 14 | 45.3333 | 0.3333 | 7.97 | 0.53 |
| 4/27/95 | 14 | 45.4167 | 0.4167 | 8.02 | 0.48 |
| 4/27/95 | 14 | 45.5 | 0.5 | 8.06 | 0.44 |
| 4/27/95 | 14 | 45.5833 | 0.5833 | 8.10 | 0.40 |
| 4/27/95 | 14 | 45.6667 | 0.6667 | 8.12 | 0.38 |
| 4/27/95 | 14 | 45.75 | 0.75 | 8.14 | 0.36 |
| 4/27/95 | 14 | 45.8333 | 0.8333 | 8.15 | 0.35 |
| 4/27/95 | 14 | 45.9167 | 0.9167 | 8.18 | 0.32 |

SLUG TEST DATA SHEET FOR MW37: SLUG IN

STATIC WATER LEVEL (H0) = 8.50 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 14 | 46 | 1 | 8.20 | 0.30 |
| 4/27/95 | 14 | 46.0833 | 1.0833 | 8.20 | 0.30 |
| 4/27/95 | 14 | 46.1667 | 1.1667 | 8.22 | 0.28 |
| 4/27/95 | 14 | 46.25 | 1.25 | 8.24 | 0.26 |
| 4/27/95 | 14 | 46.3333 | 1.3333 | 8.24 | 0.26 |
| 4/27/95 | 14 | 46.4166 | 1.4166 | 8.24 | 0.26 |
| 4/27/95 | 14 | 46.5 | 1.5 | 8.25 | 0.25 |
| 4/27/95 | 14 | 46.5833 | 1.5833 | 8.25 | 0.25 |
| 4/27/95 | 14 | 46.6667 | 1.6667 | 8.25 | 0.25 |
| 4/27/95 | 14 | 46.75 | 1.75 | 8.25 | 0.25 |
| 4/27/95 | 14 | 46.8333 | 1.8333 | 8.25 | 0.25 |
| 4/27/95 | 14 | 46.9167 | 1.9167 | 8.26 | 0.24 |
| 4/27/95 | 14 | 47 | 2 | 8.26 | 0.24 |
| 4/27/95 | 14 | 47.5 | 2.5 | 8.27 | 0.23 |
| 4/27/95 | 14 | 48 | 3 | 8.28 | 0.22 |
| 4/27/95 | 14 | 48.5 | 3.5 | 8.28 | 0.22 |
| 4/27/95 | 14 | 49 | 4 | 8.29 | 0.21 |
| 4/27/95 | 14 | 49.5 | 4.5 | 8.30 | 0.20 |
| 4/27/95 | 14 | 50 | 5 | 8.30 | 0.20 |
| 4/27/95 | 14 | 50.5 | 5.5 | 8.31 | 0.19 |
| 4/27/95 | 14 | 51 | 6 | 8.31 | 0.19 |
| 4/27/95 | 14 | 51.5 | 6.5 | 8.31 | 0.19 |
| 4/27/95 | 14 | 52 | 7 | 8.32 | 0.18 |
| 4/27/95 | 14 | 52.5 | 7.5 | 8.32 | 0.18 |
| 4/27/95 | 14 | 53 | 8 | 8.32 | 0.18 |
| 4/27/95 | 14 | 53.5 | 8.5 | 8.32 | 0.18 |
| 4/27/95 | 14 | 54 | 9 | 8.33 | 0.17 |
| 4/27/95 | 14 | 54.5 | 9.5 | 8.33 | 0.17 |
| 4/27/95 | 14 | 55 | 10 | 8.33 | 0.17 |
| 4/27/95 | 14 | 56 | 11 | 8.33 | 0.17 |
| 4/27/95 | 14 | 57 | 12 | 8.32 | 0.18 |
| 4/27/95 | 14 | 58 | 13 | 8.33 | 0.17 |

MW37 SLUG TEST: SLUG IN



SLUG TEST DATA SHEET FOR MW37: SLUG OUT

STATIC WATER LEVEL (H0) = 8.50 FT.

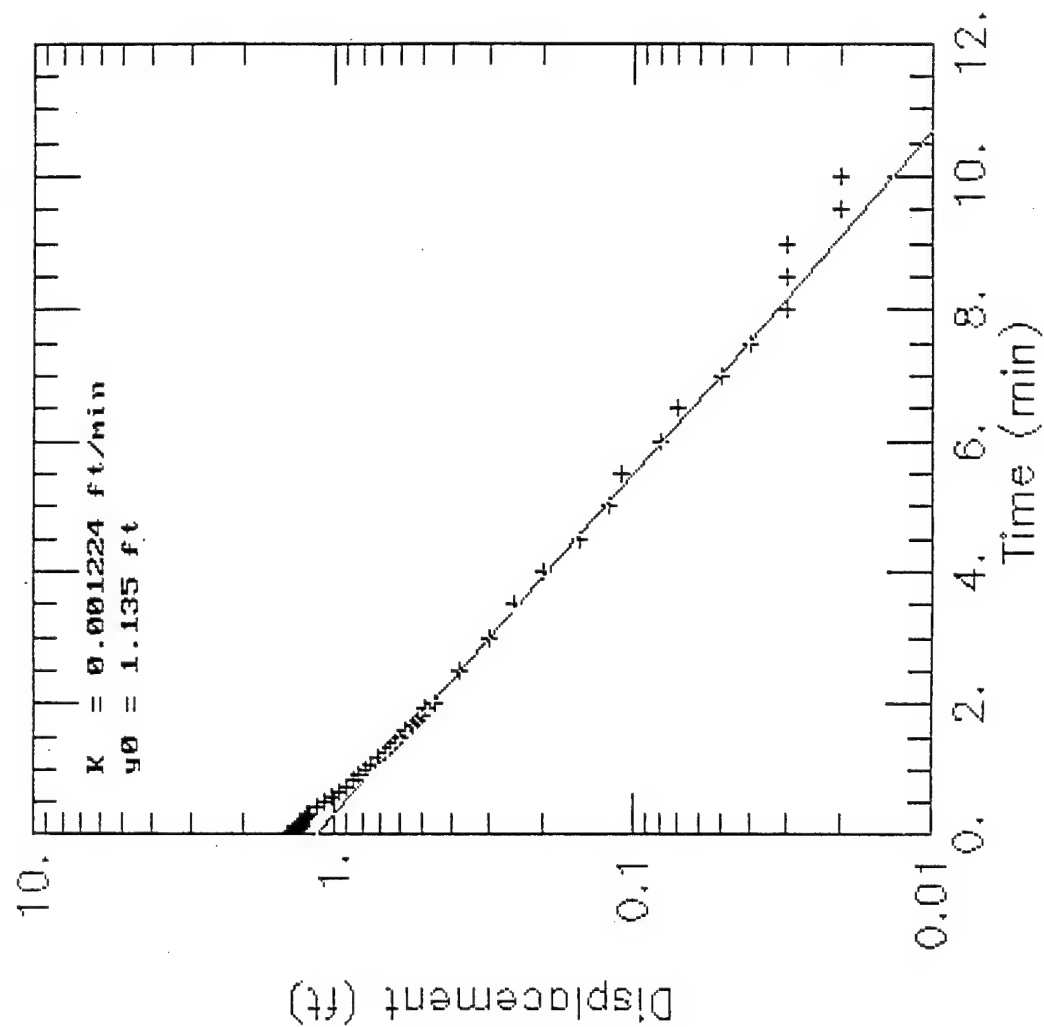
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|--------|-------------|-------------|--------|
| | | | SLUG INTRO/ | (FT. BELOW | LEVEL |
| | | | REMOVED | DATUM) | CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 15 | 0 | 0 | 8.50 | 0.00 |
| 4/27/95 | 15 | 0.0033 | 0.0033 | 8.92 | -0.42 |
| 4/27/95 | 15 | 0.0066 | 0.0066 | 8.92 | -0.42 |
| 4/27/95 | 15 | 0.0099 | 0.0099 | 8.93 | -0.43 |
| 4/27/95 | 15 | 0.0133 | 0.0133 | 9.63 | -1.13 |
| 4/27/95 | 15 | 0.0166 | 0.0166 | 9.59 | -1.09 |
| 4/27/95 | 15 | 0.02 | 0.02 | 9.92 | -1.42 |
| 4/27/95 | 15 | 0.0233 | 0.0233 | 9.89 | -1.39 |
| 4/27/95 | 15 | 0.0266 | 0.0266 | 9.89 | -1.39 |
| 4/27/95 | 15 | 0.03 | 0.03 | 9.88 | -1.38 |
| 4/27/95 | 15 | 0.0333 | 0.0333 | 9.88 | -1.38 |
| 4/27/95 | 15 | 0.05 | 0.05 | 9.86 | -1.36 |
| 4/27/95 | 15 | 0.0666 | 0.0666 | 9.83 | -1.33 |
| 4/27/95 | 15 | 0.0833 | 0.0833 | 9.80 | -1.30 |
| 4/27/95 | 15 | 0.1 | 0.1 | 9.80 | -1.30 |
| 4/27/95 | 15 | 0.1166 | 0.1166 | 9.78 | -1.28 |
| 4/27/95 | 15 | 0.1333 | 0.1333 | 9.78 | -1.28 |
| 4/27/95 | 15 | 0.15 | 0.15 | 9.78 | -1.28 |
| 4/27/95 | 15 | 0.1666 | 0.1666 | 9.77 | -1.27 |
| 4/27/95 | 15 | 0.1833 | 0.1833 | 9.77 | -1.27 |
| 4/27/95 | 15 | 0.2 | 0.2 | 9.76 | -1.26 |
| 4/27/95 | 15 | 0.2166 | 0.2166 | 9.76 | -1.26 |
| 4/27/95 | 15 | 0.2333 | 0.2333 | 9.75 | -1.25 |
| 4/27/95 | 15 | 0.25 | 0.25 | 9.74 | -1.24 |
| 4/27/95 | 15 | 0.2666 | 0.2666 | 9.73 | -1.23 |
| 4/27/95 | 15 | 0.2833 | 0.2833 | 9.72 | -1.22 |
| 4/27/95 | 15 | 0.3 | 0.3 | 9.72 | -1.22 |
| 4/27/95 | 15 | 0.3166 | 0.3166 | 9.70 | -1.20 |
| 4/27/95 | 15 | 0.3333 | 0.3333 | 9.69 | -1.19 |
| 4/27/95 | 15 | 0.4167 | 0.4167 | 9.64 | -1.14 |
| 4/27/95 | 15 | 0.5 | 0.5 | 9.57 | -1.07 |
| 4/27/95 | 15 | 0.5833 | 0.5833 | 9.52 | -1.02 |
| 4/27/95 | 15 | 0.6667 | 0.6667 | 9.46 | -0.96 |
| 4/27/95 | 15 | 0.75 | 0.75 | 9.41 | -0.91 |
| 4/27/95 | 15 | 0.8333 | 0.8333 | 9.36 | -0.86 |
| 4/27/95 | 15 | 0.9167 | 0.9167 | 9.32 | -0.82 |

SLUG TEST DATA SHEET FOR MW37: SLUG OUT

STATIC WATER LEVEL (H0) = 8.50 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|--------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 15 | 1 | 1 | 9.28 | -0.78 |
| 4/27/95 | 15 | 1.0833 | 1.0833 | 9.25 | -0.75 |
| 4/27/95 | 15 | 1.1667 | 1.1667 | 9.21 | -0.71 |
| 4/27/95 | 15 | 1.25 | 1.25 | 9.17 | -0.67 |
| 4/27/95 | 15 | 1.3333 | 1.3333 | 9.14 | -0.64 |
| 4/27/95 | 15 | 1.4166 | 1.4166 | 9.12 | -0.62 |
| 4/27/95 | 15 | 1.5 | 1.5 | 9.10 | -0.60 |
| 4/27/95 | 15 | 1.5833 | 1.5833 | 9.07 | -0.57 |
| 4/27/95 | 15 | 1.6667 | 1.6667 | 9.04 | -0.54 |
| 4/27/95 | 15 | 1.75 | 1.75 | 9.02 | -0.52 |
| 4/27/95 | 15 | 1.8333 | 1.8333 | 9.00 | -0.50 |
| 4/27/95 | 15 | 1.9167 | 1.9167 | 8.99 | -0.49 |
| 4/27/95 | 15 | 2 | 2 | 8.96 | -0.46 |
| 4/27/95 | 15 | 2.5 | 2.5 | 8.88 | -0.38 |
| 4/27/95 | 15 | 3 | 3 | 8.80 | -0.30 |
| 4/27/95 | 15 | 3.5 | 3.5 | 8.75 | -0.25 |
| 4/27/95 | 15 | 4 | 4 | 8.70 | -0.20 |
| 4/27/95 | 15 | 4.5 | 4.5 | 8.65 | -0.15 |
| 4/27/95 | 15 | 5 | 5 | 8.62 | -0.12 |
| 4/27/95 | 15 | 5.5 | 5.5 | 8.61 | -0.11 |
| 4/27/95 | 15 | 6 | 6 | 8.58 | -0.08 |
| 4/27/95 | 15 | 6.5 | 6.5 | 8.57 | -0.07 |
| 4/27/95 | 15 | 7 | 7 | 8.55 | -0.05 |
| 4/27/95 | 15 | 7.5 | 7.5 | 8.54 | -0.04 |
| 4/27/95 | 15 | 8 | 8 | 8.53 | -0.03 |
| 4/27/95 | 15 | 8.5 | 8.5 | 8.53 | -0.03 |
| 4/27/95 | 15 | 9 | 9 | 8.53 | -0.03 |
| 4/27/95 | 15 | 9.5 | 9.5 | 8.52 | -0.02 |
| 4/27/95 | 15 | 10 | 10 | 8.52 | -0.02 |
| 4/27/95 | 15 | 11 | 11 | 8.51 | -0.01 |
| 4/27/95 | 15 | 12 | 12 | 8.51 | -0.01 |
| 4/27/95 | 15 | 13 | 13 | 8.51 | -0.01 |
| 4/27/95 | 15 | 14 | 14 | 8.50 | 0.00 |
| 4/27/95 | 15 | 15 | 15 | 8.49 | 0.01 |

MW37 SLUG TEST: SLUG OUT



Hydraulic Conductivity Calculations

Project: Woodbridge Research Facility

Location: AREE 8

Computed by: DFP

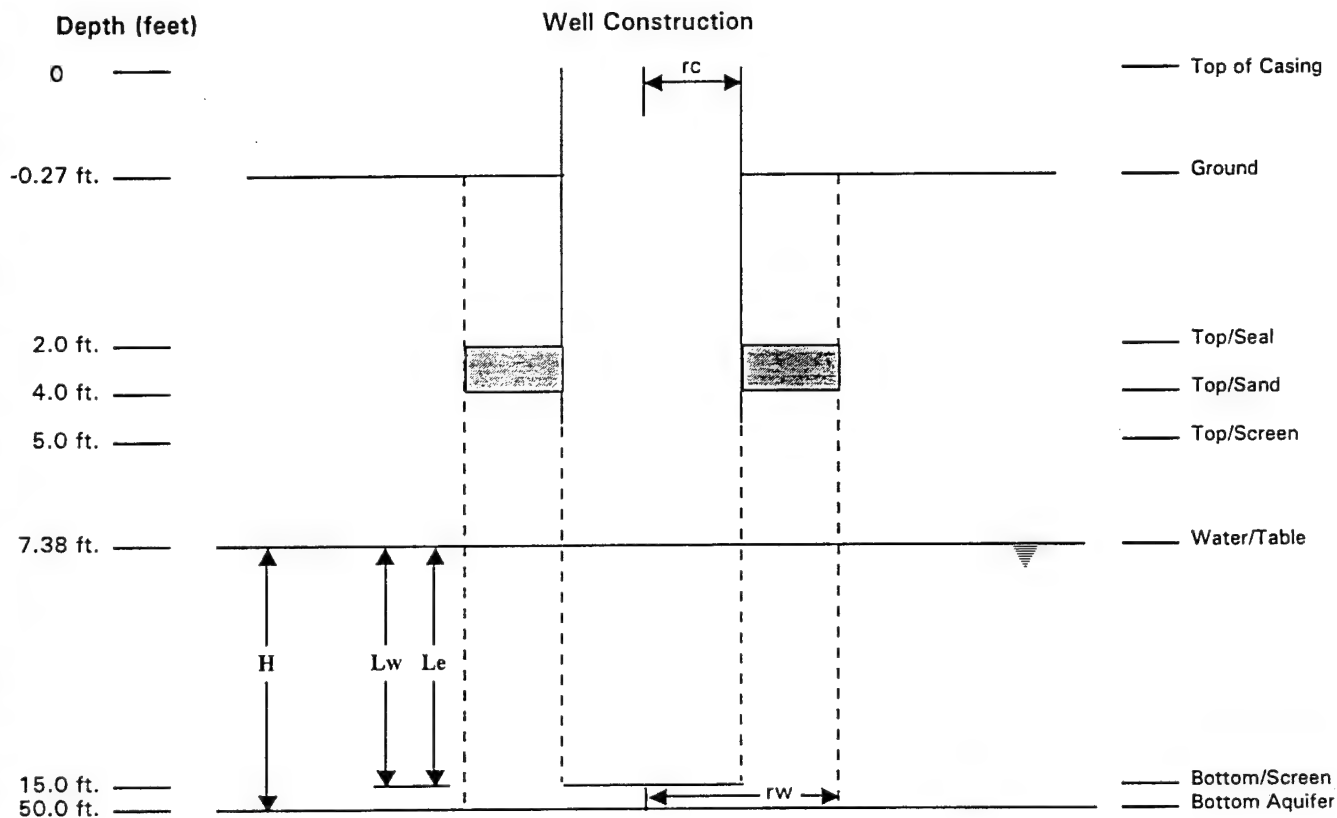
Checked by:

Project Number: 931976-03

Well Number: MW38

Date Completed: 05/04/95

Reference: Bower and Rice Method (1976)



Explanation

H = Depth of Saturated Zone = 45.0 feet

Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 7.62 feet

Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 10 feet

rc = Inside Radius of Well Casing = 0.17 feet

rw = Radius of Well Developed Zone (Borehole) = 0.50 feet

SLUG TEST DATA SHEET FOR MW38: SLUG IN

STATIC WATER LEVEL (H0) = 8.60 FT.

| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|---------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 14 | 51 | 0 | 8.60 | 0.00 |
| 4/26/95 | 14 | 51.0033 | 0.0033 | 6.73 | 1.87 |
| 4/26/95 | 14 | 51.0066 | 0.0066 | 8.67 | -0.07 |
| 4/26/95 | 14 | 51.0099 | 0.0099 | 7.81 | 0.79 |
| 4/26/95 | 14 | 51.0133 | 0.0133 | 7.51 | 1.09 |
| 4/26/95 | 14 | 51.0166 | 0.0166 | 7.10 | 1.50 |
| 4/26/95 | 14 | 51.02 | 0.02 | 7.55 | 1.05 |
| 4/26/95 | 14 | 51.0233 | 0.0233 | 7.62 | 0.98 |
| 4/26/95 | 14 | 51.0266 | 0.0266 | 7.58 | 1.02 |
| 4/26/95 | 14 | 51.03 | 0.03 | 7.72 | 0.88 |
| 4/26/95 | 14 | 51.0333 | 0.0333 | 7.56 | 1.04 |
| 4/26/95 | 14 | 51.05 | 0.05 | 7.92 | 0.68 |
| 4/26/95 | 14 | 51.0666 | 0.0666 | 7.84 | 0.76 |
| 4/26/95 | 14 | 51.0833 | 0.0833 | 7.85 | 0.75 |
| 4/26/95 | 14 | 51.1 | 0.1 | 7.90 | 0.70 |
| 4/26/95 | 14 | 51.1166 | 0.1166 | 7.95 | 0.65 |
| 4/26/95 | 14 | 51.1333 | 0.1333 | 7.97 | 0.63 |
| 4/26/95 | 14 | 51.15 | 0.15 | 8.01 | 0.59 |
| 4/26/95 | 14 | 51.1666 | 0.1666 | 8.03 | 0.57 |
| 4/26/95 | 14 | 51.1833 | 0.1833 | 8.05 | 0.55 |
| 4/26/95 | 14 | 51.2 | 0.2 | 8.06 | 0.54 |
| 4/26/95 | 14 | 51.2166 | 0.2166 | 8.08 | 0.52 |
| 4/26/95 | 14 | 51.2333 | 0.2333 | 8.09 | 0.51 |
| 4/26/95 | 14 | 51.25 | 0.25 | 8.10 | 0.50 |
| 4/26/95 | 14 | 51.2666 | 0.2666 | 8.10 | 0.50 |
| 4/26/95 | 14 | 51.2833 | 0.2833 | 8.11 | 0.49 |
| 4/26/95 | 14 | 51.3 | 0.3 | 8.12 | 0.48 |
| 4/26/95 | 14 | 51.3166 | 0.3166 | 8.13 | 0.47 |
| 4/26/95 | 14 | 51.3333 | 0.3333 | 8.13 | 0.47 |
| 4/26/95 | 14 | 51.4167 | 0.4167 | 8.13 | 0.47 |
| 4/26/95 | 14 | 51.5 | 0.5 | 8.15 | 0.45 |
| 4/26/95 | 14 | 51.5833 | 0.5833 | 8.15 | 0.45 |
| 4/26/95 | 14 | 51.6667 | 0.6667 | 8.15 | 0.45 |
| 4/26/95 | 14 | 51.75 | 0.75 | 8.16 | 0.44 |
| 4/26/95 | 14 | 51.8333 | 0.8333 | 8.16 | 0.44 |
| 4/26/95 | 14 | 51.9167 | 0.9167 | 8.16 | 0.44 |

SLUG TEST DATA SHEET FOR MW38: SLUG IN

STATIC WATER LEVEL (H0) = 8.60 FT.

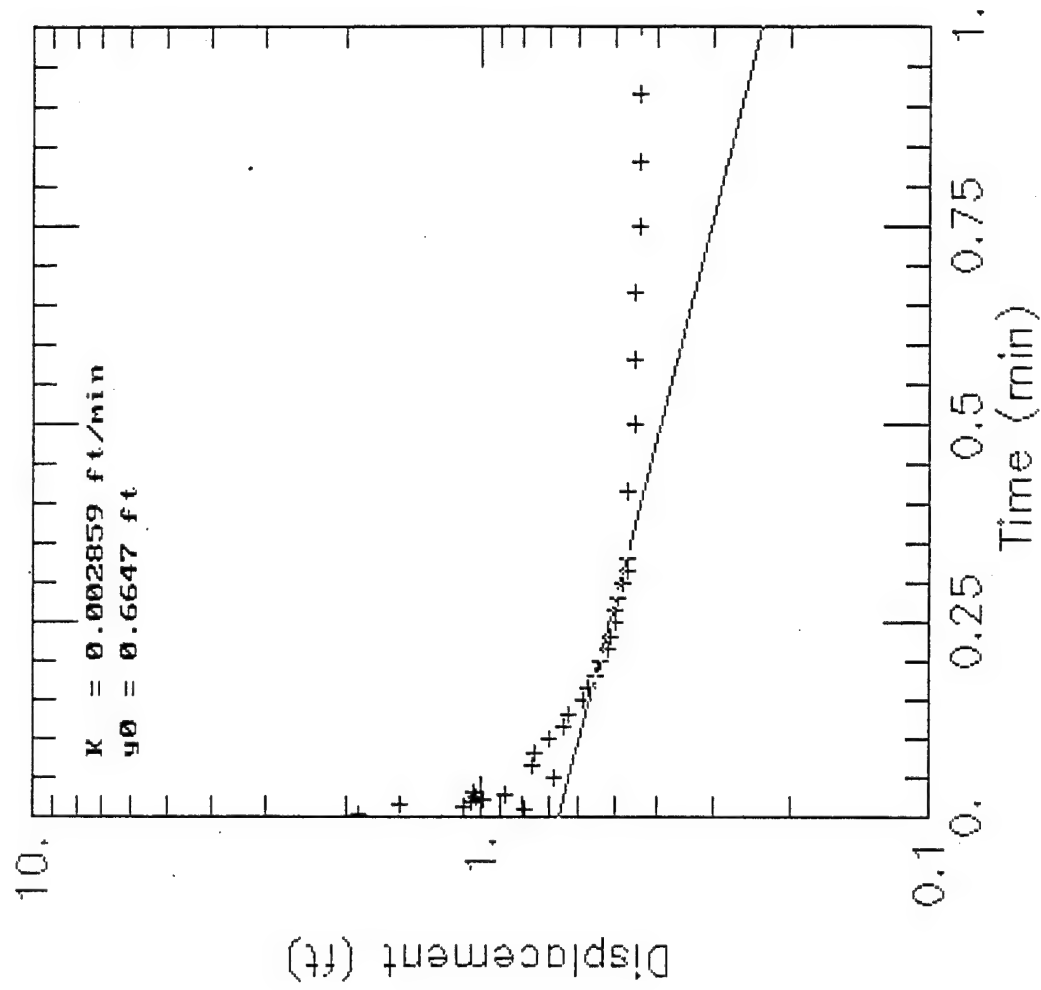
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 14 | 52 | 1 | 8.16 | 0.44 |
| 4/26/95 | 14 | 52.0833 | 1.0833 | 8.17 | 0.43 |
| 4/26/95 | 14 | 52.1667 | 1.1667 | 8.17 | 0.43 |
| 4/26/95 | 14 | 52.25 | 1.25 | 8.17 | 0.43 |
| 4/26/95 | 14 | 52.3333 | 1.3333 | 8.17 | 0.43 |
| 4/26/95 | 14 | 52.4166 | 1.4166 | 8.17 | 0.43 |
| 4/26/95 | 14 | 52.5 | 1.5 | 8.17 | 0.43 |
| 4/26/95 | 14 | 52.5833 | 1.5833 | 8.17 | 0.43 |
| 4/26/95 | 14 | 52.6667 | 1.6667 | 8.18 | 0.42 |
| 4/26/95 | 14 | 52.75 | 1.75 | 8.18 | 0.42 |
| 4/26/95 | 14 | 52.8333 | 1.8333 | 8.18 | 0.42 |
| 4/26/95 | 14 | 52.9167 | 1.9167 | 8.18 | 0.42 |
| 4/26/95 | 14 | 53 | 2 | 8.18 | 0.42 |
| 4/26/95 | 14 | 53.5 | 2.5 | 8.19 | 0.41 |
| 4/26/95 | 14 | 54 | 3 | 8.19 | 0.41 |
| 4/26/95 | 14 | 54.5 | 3.5 | 8.19 | 0.41 |
| 4/26/95 | 14 | 55 | 4 | 8.20 | 0.40 |
| 4/26/95 | 14 | 55.5 | 4.5 | 8.20 | 0.40 |
| 4/26/95 | 14 | 56 | 5 | 8.21 | 0.39 |
| 4/26/95 | 14 | 56.5 | 5.5 | 8.21 | 0.39 |
| 4/26/95 | 14 | 57 | 6 | 8.21 | 0.39 |
| 4/26/95 | 14 | 57.5 | 6.5 | 8.21 | 0.39 |
| 4/26/95 | 14 | 58 | 7 | 8.20 | 0.40 |
| 4/26/95 | 14 | 58.5 | 7.5 | 8.21 | 0.39 |
| 4/26/95 | 14 | 59 | 8 | 8.21 | 0.39 |
| 4/26/95 | 14 | 59.5 | 8.5 | 8.20 | 0.40 |
| 4/26/95 | 15 | 0 | 9 | 8.20 | 0.40 |
| 4/26/95 | 15 | 0.5 | 9.5 | 8.21 | 0.39 |
| 4/26/95 | 15 | 1 | 10 | 8.20 | 0.40 |
| 4/26/95 | 15 | 2 | 11 | 8.20 | 0.40 |
| 4/26/95 | 15 | 3 | 12 | 8.19 | 0.41 |
| 4/26/95 | 15 | 4 | 13 | 8.20 | 0.40 |
| 4/26/95 | 15 | 5 | 14 | 8.19 | 0.41 |
| 4/26/95 | 15 | 6 | 15 | 8.18 | 0.42 |
| 4/26/95 | 15 | 7 | 16 | 8.22 | 0.38 |
| 4/26/95 | 15 | 8 | 17 | 8.22 | 0.38 |

SLUG TEST DATA SHEET FOR MW38: SLUG IN

STATIC WATER LEVEL (H0) = 8.60 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|--------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 15 | 9 | 18 | 8.22 | 0.38 |
| 4/26/95 | 15 | 10 | 19 | 8.22 | 0.38 |
| 4/26/95 | 15 | 11 | 20 | 8.22 | 0.38 |
| 4/26/95 | 15 | 12 | 21 | 8.22 | 0.38 |
| 4/26/95 | 15 | 13 | 22 | 8.22 | 0.38 |
| 4/26/95 | 15 | 14 | 23 | 8.22 | 0.38 |
| 4/26/95 | 15 | 15 | 24 | 8.22 | 0.38 |
| 4/26/95 | 15 | 16 | 25 | 8.22 | 0.38 |
| 4/26/95 | 15 | 17 | 26 | 8.22 | 0.38 |
| 4/26/95 | 15 | 18 | 27 | 8.22 | 0.38 |

MW38 SLUG TEST: SLUG IN



SLUG TEST DATA SHEET FOR MW38: SLUG OUT

STATIC WATER LEVEL (H0) = 8.60 FT.

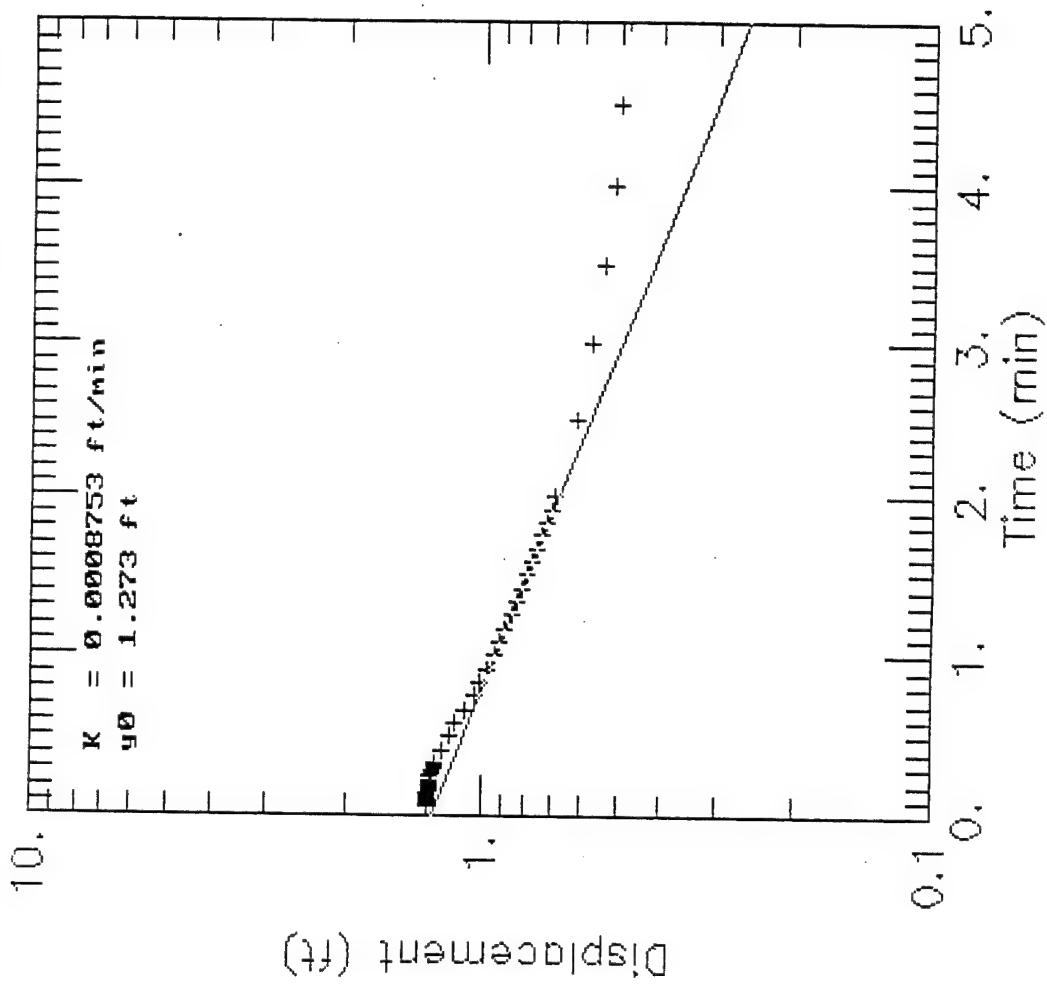
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/26/95 | 15 | 19 | 0 | 8.60 | 0.00 |
| 4/26/95 | 15 | 19.0033 | 0.0033 | 8.60 | 0.00 |
| 4/26/95 | 15 | 19.0066 | 0.0066 | 9.00 | -0.40 |
| 4/26/95 | 15 | 19.0099 | 0.0099 | 8.96 | -0.36 |
| 4/26/95 | 15 | 19.0133 | 0.0133 | 8.92 | -0.32 |
| 4/26/95 | 15 | 19.0166 | 0.0166 | 8.92 | -0.32 |
| 4/26/95 | 15 | 19.02 | 0.02 | 9.28 | -0.68 |
| 4/26/95 | 15 | 19.0233 | 0.0233 | 9.39 | -0.79 |
| 4/26/95 | 15 | 19.0266 | 0.0266 | 9.36 | -0.76 |
| 4/26/95 | 15 | 19.03 | 0.03 | 9.37 | -0.77 |
| 4/26/95 | 15 | 19.0333 | 0.0333 | 9.37 | -0.77 |
| 4/26/95 | 15 | 19.05 | 0.05 | 9.87 | -1.27 |
| 4/26/95 | 15 | 19.0666 | 0.0666 | 9.92 | -1.32 |
| 4/26/95 | 15 | 19.0833 | 0.0833 | 9.92 | -1.32 |
| 4/26/95 | 15 | 19.1 | 0.1 | 9.92 | -1.32 |
| 4/26/95 | 15 | 19.1166 | 0.1166 | 9.91 | -1.31 |
| 4/26/95 | 15 | 19.1333 | 0.1333 | 9.91 | -1.31 |
| 4/26/95 | 15 | 19.15 | 0.15 | 9.91 | -1.31 |
| 4/26/95 | 15 | 19.1666 | 0.1666 | 9.90 | -1.30 |
| 4/26/95 | 15 | 19.1833 | 0.1833 | 9.90 | -1.30 |
| 4/26/95 | 15 | 19.2 | 0.2 | 9.89 | -1.29 |
| 4/26/95 | 15 | 19.2166 | 0.2166 | 9.89 | -1.29 |
| 4/26/95 | 15 | 19.2333 | 0.2333 | 9.89 | -1.29 |
| 4/26/95 | 15 | 19.25 | 0.25 | 9.89 | -1.29 |
| 4/26/95 | 15 | 19.2666 | 0.2666 | 9.88 | -1.28 |
| 4/26/95 | 15 | 19.2833 | 0.2833 | 9.88 | -1.28 |
| 4/26/95 | 15 | 19.3 | 0.3 | 9.87 | -1.27 |
| 4/26/95 | 15 | 19.3166 | 0.3166 | 9.87 | -1.27 |
| 4/26/95 | 15 | 19.3333 | 0.3333 | 9.86 | -1.26 |
| 4/26/95 | 15 | 19.4167 | 0.4167 | 9.82 | -1.22 |
| 4/26/95 | 15 | 19.5 | 0.5 | 9.77 | -1.17 |
| 4/26/95 | 15 | 19.5833 | 0.5833 | 9.74 | -1.14 |
| 4/26/95 | 15 | 19.6667 | 0.6667 | 9.69 | -1.09 |
| 4/26/95 | 15 | 19.75 | 0.75 | 9.64 | -1.04 |
| 4/26/95 | 15 | 19.8333 | 0.8333 | 9.61 | -1.01 |
| 4/26/95 | 15 | 19.9167 | 0.9167 | 9.57 | -0.97 |

SLUG TEST DATA SHEET FOR MW38: SLUG OUT

STATIC WATER LEVEL (H0) = 8.60 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|----|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| | | | (MIN) | H | H0-H |
| 4/26/95 | 15 | 20 | 1 | 9.54 | -0.94 |
| 4/26/95 | 15 | 20.0833 | 1.0833 | 9.51 | -0.91 |
| 4/26/95 | 15 | 20.1667 | 1.1667 | 9.49 | -0.89 |
| 4/26/95 | 15 | 20.25 | 1.25 | 9.46 | -0.86 |
| 4/26/95 | 15 | 20.3333 | 1.3333 | 9.43 | -0.83 |
| 4/26/95 | 15 | 20.4166 | 1.4166 | 9.41 | -0.81 |
| 4/26/95 | 15 | 20.5 | 1.5 | 9.39 | -0.79 |
| 4/26/95 | 15 | 20.5833 | 1.5833 | 9.37 | -0.77 |
| 4/26/95 | 15 | 20.6667 | 1.6667 | 9.35 | -0.75 |
| 4/26/95 | 15 | 20.75 | 1.75 | 9.34 | -0.74 |
| 4/26/95 | 15 | 20.8333 | 1.8333 | 9.32 | -0.72 |
| 4/26/95 | 15 | 20.9167 | 1.9167 | 9.30 | -0.70 |
| 4/26/95 | 15 | 21 | 2 | 9.29 | -0.69 |
| 4/26/95 | 15 | 21.5 | 2.5 | 9.22 | -0.62 |
| 4/26/95 | 15 | 22 | 3 | 9.17 | -0.57 |
| 4/26/95 | 15 | 22.5 | 3.5 | 9.14 | -0.54 |
| 4/26/95 | 15 | 23 | 4 | 9.11 | -0.51 |
| 4/26/95 | 15 | 23.5 | 4.5 | 9.10 | -0.50 |
| 4/26/95 | 15 | 24 | 5 | 9.08 | -0.48 |
| 4/26/95 | 15 | 24.5 | 5.5 | 9.07 | -0.47 |
| 4/26/95 | 15 | 25 | 6 | 9.07 | -0.47 |
| 4/26/95 | 15 | 25.5 | 6.5 | 9.05 | -0.45 |
| 4/26/95 | 15 | 26 | 7 | 9.04 | -0.44 |
| 4/26/95 | 15 | 26.5 | 7.5 | 9.04 | -0.44 |
| 4/26/95 | 15 | 27 | 8 | 9.03 | -0.43 |
| 4/26/95 | 15 | 27.5 | 8.5 | 9.02 | -0.42 |
| 4/26/95 | 15 | 28 | 9 | 9.03 | -0.43 |
| 4/26/95 | 15 | 28.5 | 9.5 | 9.03 | -0.43 |
| 4/26/95 | 15 | 29 | 10 | 9.02 | -0.42 |
| 4/26/95 | 15 | 30 | 11 | 9.02 | -0.42 |
| 4/26/95 | 15 | 31 | 12 | 9.02 | -0.42 |
| 4/26/95 | 15 | 32 | 13 | 9.00 | -0.40 |
| 4/26/95 | 15 | 33 | 14 | 9.01 | -0.41 |
| 4/26/95 | 15 | 34 | 15 | 9.01 | -0.41 |
| 4/26/95 | 15 | 35 | 16 | 9.01 | -0.41 |

MW38 SLUG TEST: SLUG OUT



Hydraulic Conductivity Calculations

Project: Woodbridge Research Facility

Location: AREE 8

Computed by: DFP

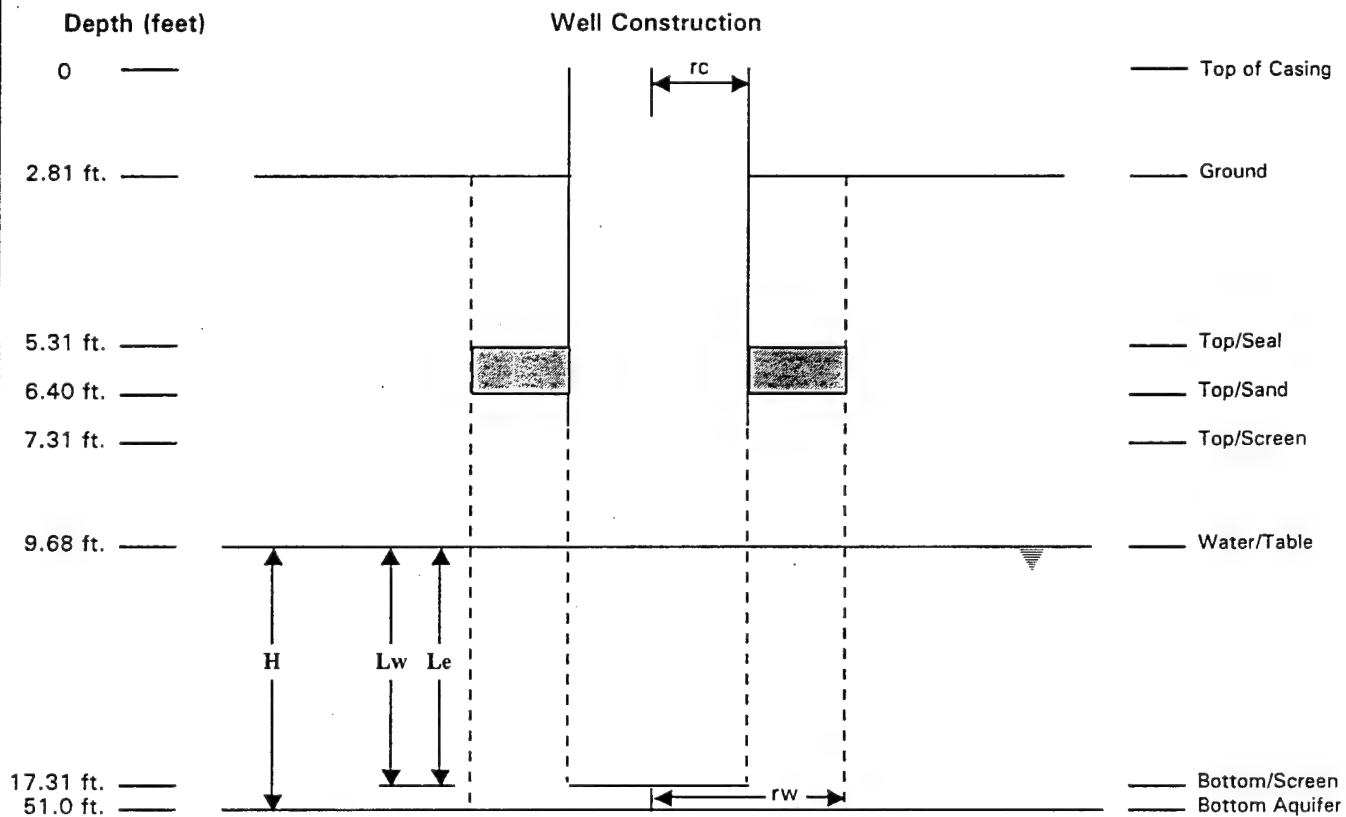
Checked by:

Project Number: 931976-03

Well Number: MW39

Date Completed: 05/04/95

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 33.69 feet
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 7.63 feet
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 10 feet
- rc = Inside Radius of Well Casing = 0.17 feet
- rw = Radius of Well Developed Zone (Borehole) = 0.50 feet

SLUG TEST DATA SHEET FOR MW39: SLUG IN

STATIC WATER LEVEL (H0) = 10.70 FT.

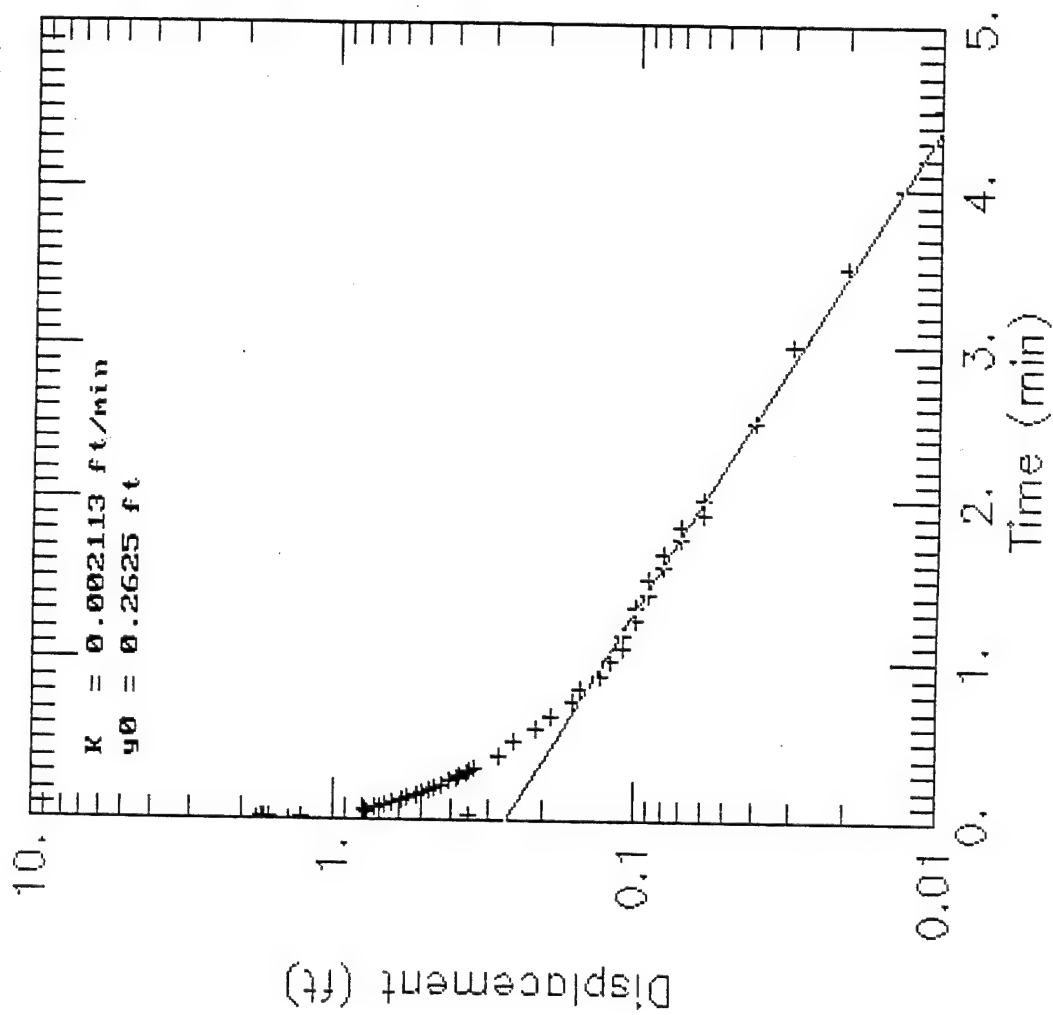
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|--------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 5/1/95 | 16 | 10.0099 | 0.0099 | 8.93 | 1.77 |
| 5/1/95 | 16 | 10.0133 | 0.0133 | 9.31 | 1.39 |
| 5/1/95 | 16 | 10.0166 | 0.0166 | 9.09 | 1.61 |
| 5/1/95 | 16 | 10.0233 | 0.0233 | 9.01 | 1.69 |
| 5/1/95 | 16 | 10.0266 | 0.0266 | 8.99 | 1.71 |
| 5/1/95 | 16 | 10.03 | 0.03 | 9.44 | 1.26 |
| 5/1/95 | 16 | 10.0333 | 0.0333 | 10.35 | 0.35 |
| 5/1/95 | 16 | 10.05 | 0.05 | 9.93 | 0.77 |
| 5/1/95 | 16 | 10.0666 | 0.0666 | 9.92 | 0.78 |
| 5/1/95 | 16 | 10.0833 | 0.0833 | 9.98 | 0.72 |
| 5/1/95 | 16 | 10.1 | 0.1 | 10.03 | 0.67 |
| 5/1/95 | 16 | 10.1166 | 0.1166 | 10.07 | 0.63 |
| 5/1/95 | 16 | 10.1333 | 0.1333 | 10.11 | 0.59 |
| 5/1/95 | 16 | 10.15 | 0.15 | 10.14 | 0.56 |
| 5/1/95 | 16 | 10.1666 | 0.1666 | 10.18 | 0.52 |
| 5/1/95 | 16 | 10.1833 | 0.1833 | 10.20 | 0.50 |
| 5/1/95 | 16 | 10.2 | 0.2 | 10.22 | 0.48 |
| 5/1/95 | 16 | 10.2166 | 0.2166 | 10.24 | 0.46 |
| 5/1/95 | 16 | 10.2333 | 0.2333 | 10.27 | 0.43 |
| 5/1/95 | 16 | 10.25 | 0.25 | 10.29 | 0.41 |
| 5/1/95 | 16 | 10.2666 | 0.2666 | 10.31 | 0.39 |
| 5/1/95 | 16 | 10.2833 | 0.2833 | 10.32 | 0.38 |
| 5/1/95 | 16 | 10.3 | 0.3 | 10.34 | 0.36 |
| 5/1/95 | 16 | 10.3166 | 0.3166 | 10.35 | 0.35 |
| 5/1/95 | 16 | 10.3333 | 0.3333 | 10.36 | 0.34 |
| 5/1/95 | 16 | 10.4167 | 0.4167 | 10.42 | 0.28 |
| 5/1/95 | 16 | 10.5 | 0.5 | 10.45 | 0.25 |
| 5/1/95 | 16 | 10.5833 | 0.5833 | 10.49 | 0.21 |
| 5/1/95 | 16 | 10.6667 | 0.6667 | 10.51 | 0.19 |
| 5/1/95 | 16 | 10.75 | 0.75 | 10.54 | 0.16 |
| 5/1/95 | 16 | 10.8333 | 0.8333 | 10.55 | 0.15 |
| 5/1/95 | 16 | 10.9167 | 0.9167 | 10.57 | 0.13 |
| 5/1/95 | 16 | 11 | 1 | 10.58 | 0.12 |
| 5/1/95 | 16 | 11.0833 | 1.0833 | 10.59 | 0.11 |
| 5/1/95 | 16 | 11.1667 | 1.1667 | 10.59 | 0.11 |
| 5/1/95 | 16 | 11.25 | 1.25 | 10.60 | 0.10 |

SLUG TEST DATA SHEET FOR MW39: SLUG IN

STATIC WATER LEVEL (H0) = 10.70 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|--------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 5/1/95 | 16 | 11.3333 | 1.3333 | 10.60 | 0.10 |
| 5/1/95 | 16 | 11.4166 | 1.4166 | 10.61 | 0.09 |
| 5/1/95 | 16 | 11.5 | 1.5 | 10.61 | 0.09 |
| 5/1/95 | 16 | 11.5833 | 1.5833 | 10.62 | 0.08 |
| 5/1/95 | 16 | 11.6667 | 1.6667 | 10.62 | 0.08 |
| 5/1/95 | 16 | 11.75 | 1.75 | 10.63 | 0.07 |
| 5/1/95 | 16 | 11.8333 | 1.8333 | 10.63 | 0.07 |
| 5/1/95 | 16 | 11.9167 | 1.9167 | 10.64 | 0.06 |
| 5/1/95 | 16 | 12 | 2 | 10.64 | 0.06 |
| 5/1/95 | 16 | 12.5 | 2.5 | 10.66 | 0.04 |
| 5/1/95 | 16 | 13 | 3 | 10.67 | 0.03 |
| 5/1/95 | 16 | 13.5 | 3.5 | 10.68 | 0.02 |
| 5/1/95 | 16 | 14 | 4 | 10.69 | 0.01 |
| 5/1/95 | 16 | 14.5 | 4.5 | 10.69 | 0.01 |
| 5/1/95 | 16 | 15 | 5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 15.5 | 5.5 | 10.69 | 0.01 |
| 5/1/95 | 16 | 16 | 6 | 10.69 | 0.01 |
| 5/1/95 | 16 | 16.5 | 6.5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 17 | 7 | 10.70 | 0.00 |
| 5/1/95 | 16 | 17.5 | 7.5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 18 | 8 | 10.70 | 0.00 |
| 5/1/95 | 16 | 18.5 | 8.5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 19 | 9 | 10.70 | 0.00 |
| 5/1/95 | 16 | 19.5 | 9.5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 20 | 10 | 10.70 | 0.00 |
| 5/1/95 | 16 | 21 | 11 | 10.70 | 0.00 |
| 5/1/95 | 16 | 22 | 12 | 10.70 | 0.00 |

MW39 SLUG TEST: SLUG IN



SLUG TEST DATA SHEET FOR MW39: SLUG OUT

STATIC WATER LEVEL (H0) = 10.70 FT.

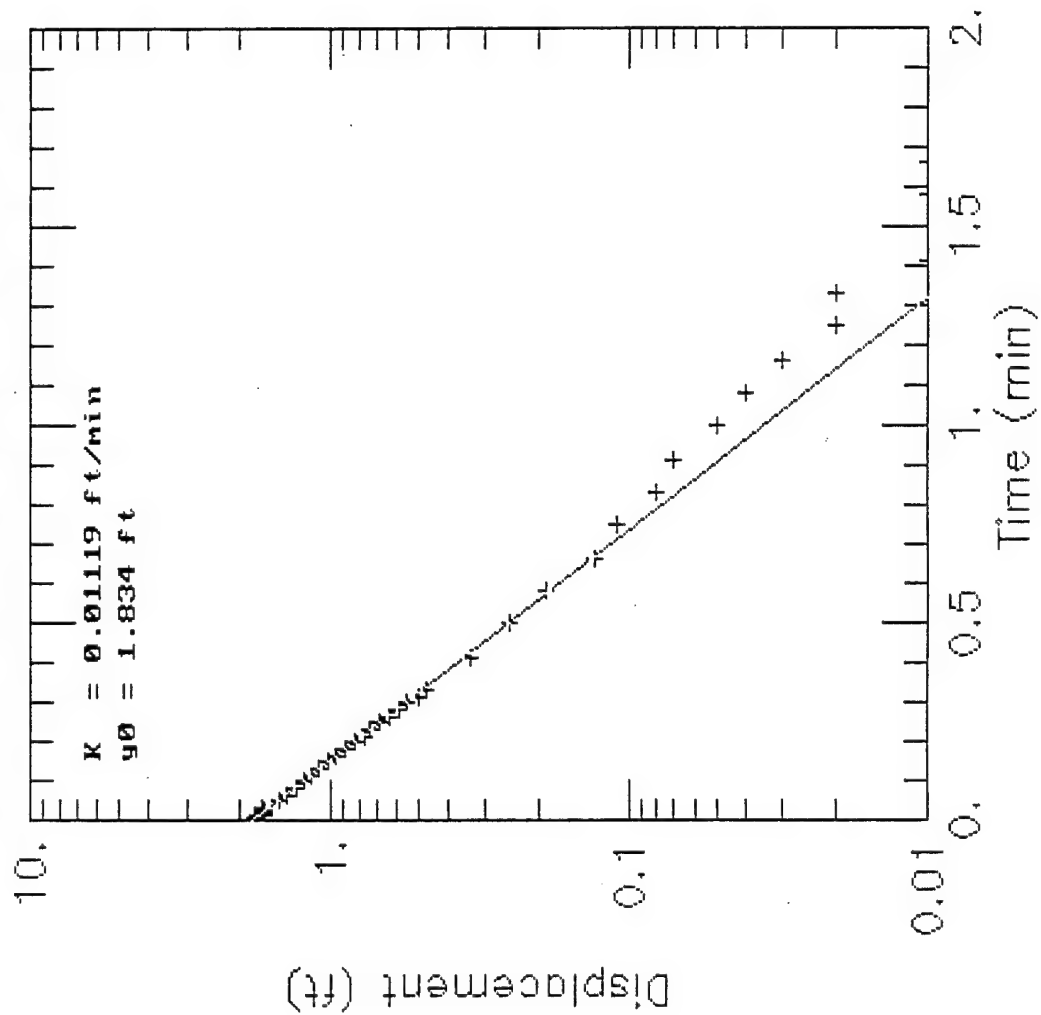
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|--------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 5/1/95 | 16 | 24 | 0 | 11.51 | -0.81 |
| 5/1/95 | 16 | 24.0033 | 0.0033 | 12.38 | -1.68 |
| 5/1/95 | 16 | 24.0066 | 0.0066 | 12.50 | -1.80 |
| 5/1/95 | 16 | 24.0099 | 0.0099 | 12.50 | -1.80 |
| 5/1/95 | 16 | 24.0133 | 0.0133 | 12.44 | -1.74 |
| 5/1/95 | 16 | 24.0166 | 0.0166 | 12.35 | -1.65 |
| 5/1/95 | 16 | 24.02 | 0.02 | 12.36 | -1.66 |
| 5/1/95 | 16 | 24.0233 | 0.0233 | 12.38 | -1.68 |
| 5/1/95 | 16 | 24.0266 | 0.0266 | 12.35 | -1.65 |
| 5/1/95 | 16 | 24.03 | 0.03 | 12.35 | -1.65 |
| 5/1/95 | 16 | 24.0333 | 0.0333 | 12.38 | -1.68 |
| 5/1/95 | 16 | 24.05 | 0.05 | 12.18 | -1.48 |
| 5/1/95 | 16 | 24.0666 | 0.0666 | 12.09 | -1.39 |
| 5/1/95 | 16 | 24.0833 | 0.0833 | 12.00 | -1.30 |
| 5/1/95 | 16 | 24.1 | 0.1 | 11.93 | -1.23 |
| 5/1/95 | 16 | 24.1166 | 0.1166 | 11.86 | -1.16 |
| 5/1/95 | 16 | 24.1333 | 0.1333 | 11.79 | -1.09 |
| 5/1/95 | 16 | 24.15 | 0.15 | 11.72 | -1.02 |
| 5/1/95 | 16 | 24.1666 | 0.1666 | 11.66 | -0.96 |
| 5/1/95 | 16 | 24.1833 | 0.1833 | 11.59 | -0.89 |
| 5/1/95 | 16 | 24.2 | 0.2 | 11.53 | -0.83 |
| 5/1/95 | 16 | 24.2166 | 0.2166 | 11.47 | -0.77 |
| 5/1/95 | 16 | 24.2333 | 0.2333 | 11.43 | -0.73 |
| 5/1/95 | 16 | 24.25 | 0.25 | 11.38 | -0.68 |
| 5/1/95 | 16 | 24.2666 | 0.2666 | 11.33 | -0.63 |
| 5/1/95 | 16 | 24.2833 | 0.2833 | 11.29 | -0.59 |
| 5/1/95 | 16 | 24.3 | 0.3 | 11.25 | -0.55 |
| 5/1/95 | 16 | 24.3166 | 0.3166 | 11.20 | -0.50 |
| 5/1/95 | 16 | 24.3333 | 0.3333 | 11.18 | -0.48 |
| 5/1/95 | 16 | 24.4167 | 0.4167 | 11.04 | -0.34 |
| 5/1/95 | 16 | 24.5 | 0.5 | 10.95 | -0.25 |
| 5/1/95 | 16 | 24.5833 | 0.5833 | 10.89 | -0.19 |
| 5/1/95 | 16 | 24.6667 | 0.6667 | 10.83 | -0.13 |
| 5/1/95 | 16 | 24.75 | 0.75 | 10.81 | -0.11 |
| 5/1/95 | 16 | 24.8333 | 0.8333 | 10.78 | -0.08 |
| 5/1/95 | 16 | 24.9167 | 0.9167 | 10.77 | -0.07 |

SLUG TEST DATA SHEET FOR MW39: SLUG OUT

STATIC WATER LEVEL (H0) = 10.70 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|--------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 5/1/95 | 16 | 25 | 1 | 10.75 | -0.05 |
| 5/1/95 | 16 | 25.0833 | 1.0833 | 10.74 | -0.04 |
| 5/1/95 | 16 | 25.1667 | 1.1667 | 10.73 | -0.03 |
| 5/1/95 | 16 | 25.25 | 1.25 | 10.72 | -0.02 |
| 5/1/95 | 16 | 25.3333 | 1.3333 | 10.72 | -0.02 |
| 5/1/95 | 16 | 25.4166 | 1.4166 | 10.71 | -0.01 |
| 5/1/95 | 16 | 25.5 | 1.5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 25.5833 | 1.5833 | 10.71 | -0.01 |
| 5/1/95 | 16 | 25.6667 | 1.6667 | 10.71 | -0.01 |
| 5/1/95 | 16 | 25.75 | 1.75 | 10.70 | 0.00 |
| 5/1/95 | 16 | 25.8333 | 1.8333 | 10.70 | 0.00 |
| 5/1/95 | 16 | 25.9167 | 1.9167 | 10.70 | 0.00 |
| 5/1/95 | 16 | 26 | 2 | 10.70 | 0.00 |
| 5/1/95 | 16 | 26.5 | 2.5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 27 | 3 | 10.70 | 0.00 |
| 5/1/95 | 16 | 27.5 | 3.5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 28 | 4 | 10.69 | 0.01 |
| 5/1/95 | 16 | 28.5 | 4.5 | 10.69 | 0.01 |
| 5/1/95 | 16 | 29 | 5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 29.5 | 5.5 | 10.70 | 0.00 |
| 5/1/95 | 16 | 30 | 6 | 10.69 | 0.01 |
| 5/1/95 | 16 | 30.5 | 6.5 | 10.69 | 0.01 |
| 5/1/95 | 16 | 31 | 7 | 10.69 | 0.01 |
| 5/1/95 | 16 | 31.5 | 7.5 | 10.69 | 0.01 |
| 5/1/95 | 16 | 32 | 8 | 10.69 | 0.01 |
| 5/1/95 | 16 | 32.5 | 8.5 | 10.69 | 0.01 |
| 5/1/95 | 16 | 33 | 9 | 10.69 | 0.01 |
| 5/1/95 | 16 | 33.5 | 9.5 | 10.68 | 0.02 |
| 5/1/95 | 16 | 34 | 10 | 10.69 | 0.01 |

MW39 SLUG TEST: SLUG OUT



Hydraulic Conductivity Calculations

Project: Woodbridge Research Facility

Location: AREE 8

Computed by: DFP

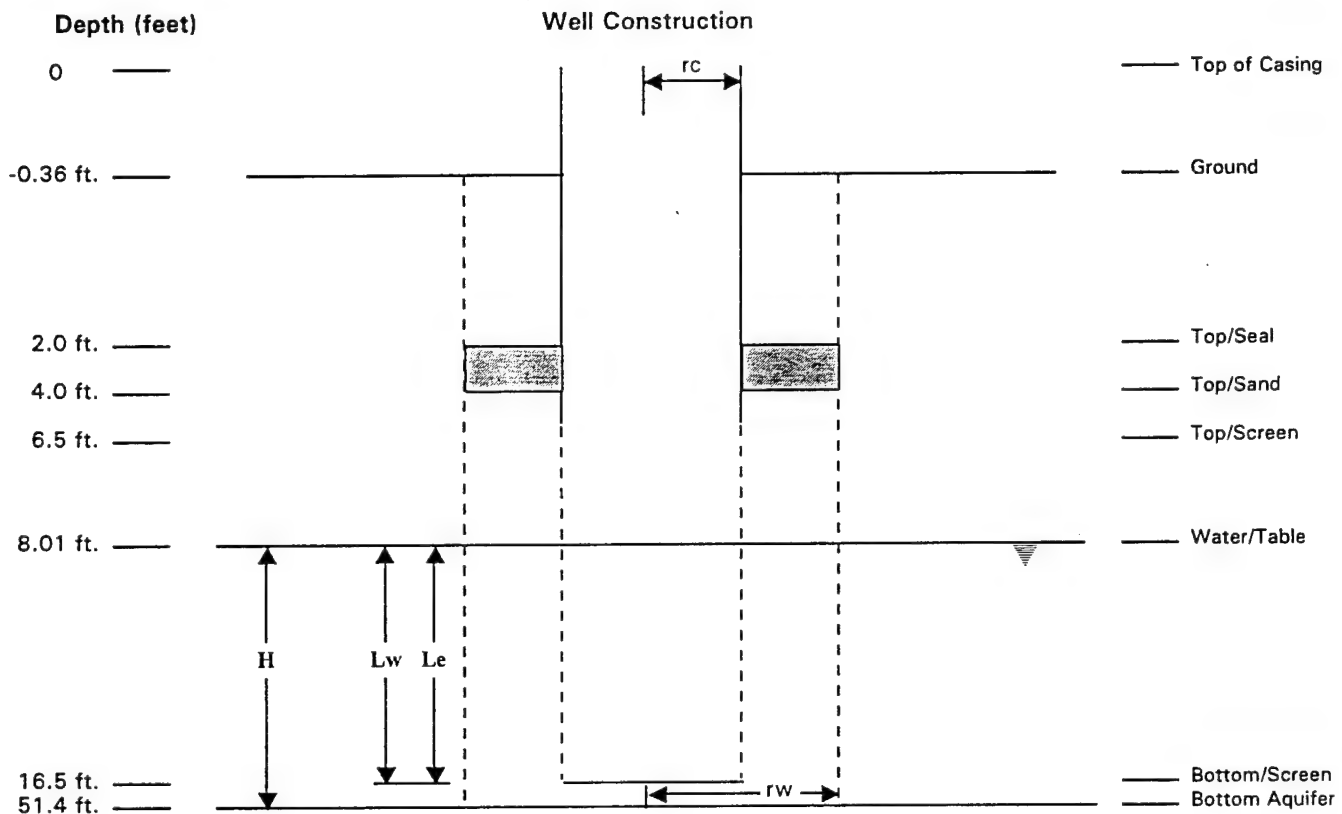
Checked by:

Project Number: 931976-03

Well Number: MW40

Date Completed: 05/04/95

Reference: Bower and Rice Method (1976)



Explanation

H = Depth of Saturated Zone = 34.90 feet

Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 8.49 feet

Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 10 feet

rc = Inside Radius of Well Casing = 0.17 feet

rw = Radius of Well Developed Zone (Borehole) = 0.50 feet

SLUG TEST DATA SHEET FOR MW40: SLUG IN

STATIC WATER LEVEL (H0) = 9.42 FT.

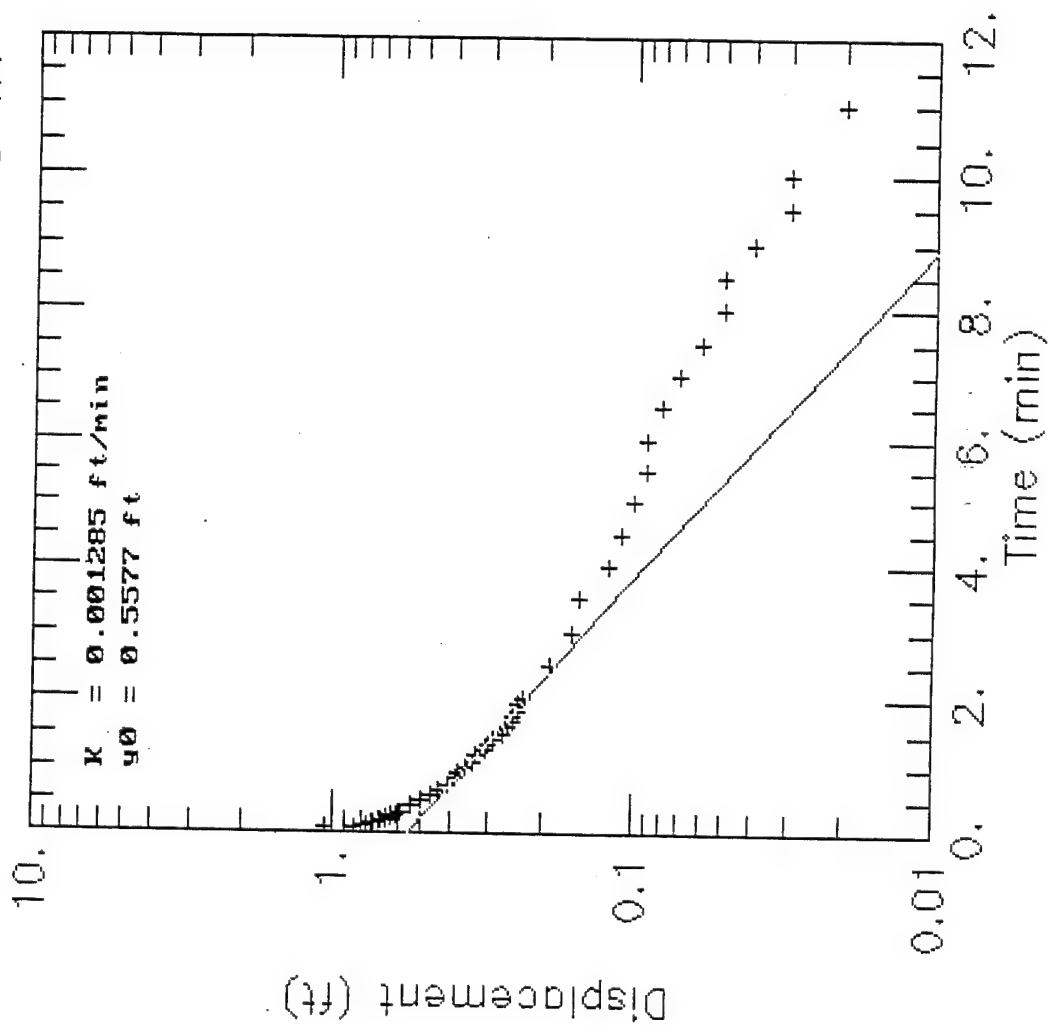
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 13 | 48 | 0 | 9.42 | 0.00 |
| 4/27/95 | 13 | 48.0033 | 0.0033 | 9.42 | 0.00 |
| 4/27/95 | 13 | 48.0066 | 0.0066 | 9.43 | -0.01 |
| 4/27/95 | 13 | 48.0099 | 0.0099 | 9.42 | 0.00 |
| 4/27/95 | 13 | 48.0133 | 0.0133 | 9.42 | 0.00 |
| 4/27/95 | 13 | 48.0166 | 0.0166 | 9.42 | 0.00 |
| 4/27/95 | 13 | 48.02 | 0.02 | 9.42 | 0.00 |
| 4/27/95 | 13 | 48.0233 | 0.0233 | 9.42 | 0.00 |
| 4/27/95 | 13 | 48.0266 | 0.0266 | 9.42 | 0.00 |
| 4/27/95 | 13 | 48.03 | 0.03 | 8.53 | 0.89 |
| 4/27/95 | 13 | 48.0333 | 0.0333 | 8.48 | 0.94 |
| 4/27/95 | 13 | 48.05 | 0.05 | 8.86 | 0.56 |
| 4/27/95 | 13 | 48.0666 | 0.0666 | 8.60 | 0.82 |
| 4/27/95 | 13 | 48.0833 | 0.0833 | 8.37 | 1.05 |
| 4/27/95 | 13 | 48.1 | 0.1 | 8.58 | 0.84 |
| 4/27/95 | 13 | 48.1166 | 0.1166 | 8.62 | 0.80 |
| 4/27/95 | 13 | 48.1333 | 0.1333 | 8.66 | 0.76 |
| 4/27/95 | 13 | 48.15 | 0.15 | 8.68 | 0.74 |
| 4/27/95 | 13 | 48.1666 | 0.1666 | 8.70 | 0.72 |
| 4/27/95 | 13 | 48.1833 | 0.1833 | 8.73 | 0.69 |
| 4/27/95 | 13 | 48.2 | 0.2 | 8.74 | 0.68 |
| 4/27/95 | 13 | 48.2166 | 0.2166 | 8.76 | 0.66 |
| 4/27/95 | 13 | 48.2333 | 0.2333 | 8.77 | 0.65 |
| 4/27/95 | 13 | 48.25 | 0.25 | 8.79 | 0.63 |
| 4/27/95 | 13 | 48.2666 | 0.2666 | 8.79 | 0.63 |
| 4/27/95 | 13 | 48.2833 | 0.2833 | 8.81 | 0.61 |
| 4/27/95 | 13 | 48.3 | 0.3 | 8.82 | 0.60 |
| 4/27/95 | 13 | 48.3166 | 0.3166 | 8.83 | 0.59 |
| 4/27/95 | 13 | 48.3333 | 0.3333 | 8.83 | 0.59 |
| 4/27/95 | 13 | 48.4167 | 0.4167 | 8.88 | 0.54 |
| 4/27/95 | 13 | 48.5 | 0.5 | 8.92 | 0.50 |
| 4/27/95 | 13 | 48.5833 | 0.5833 | 8.95 | 0.47 |
| 4/27/95 | 13 | 48.6667 | 0.6667 | 8.98 | 0.44 |
| 4/27/95 | 13 | 48.75 | 0.75 | 9.01 | 0.41 |
| 4/27/95 | 13 | 48.8333 | 0.8333 | 9.03 | 0.39 |
| 4/27/95 | 13 | 48.9167 | 0.9167 | 9.04 | 0.38 |

SLUG TEST DATA SHEET FOR MW40: SLUG IN

STATIC WATER LEVEL (H0) = 9.42 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 13 | 49 | 1 | 9.06 | 0.36 |
| 4/27/95 | 13 | 49.0833 | 1.0833 | 9.08 | 0.34 |
| 4/27/95 | 13 | 49.1667 | 1.1667 | 9.09 | 0.33 |
| 4/27/95 | 13 | 49.25 | 1.25 | 9.11 | 0.31 |
| 4/27/95 | 13 | 49.3333 | 1.3333 | 9.12 | 0.30 |
| 4/27/95 | 13 | 49.4166 | 1.4166 | 9.13 | 0.29 |
| 4/27/95 | 13 | 49.5 | 1.5 | 9.15 | 0.27 |
| 4/27/95 | 13 | 49.5833 | 1.5833 | 9.16 | 0.26 |
| 4/27/95 | 13 | 49.6667 | 1.6667 | 9.17 | 0.25 |
| 4/27/95 | 13 | 49.75 | 1.75 | 9.17 | 0.25 |
| 4/27/95 | 13 | 49.8333 | 1.8333 | 9.18 | 0.24 |
| 4/27/95 | 13 | 49.9167 | 1.9167 | 9.18 | 0.24 |
| 4/27/95 | 13 | 50 | 2 | 9.19 | 0.23 |
| 4/27/95 | 13 | 50.5 | 2.5 | 9.23 | 0.19 |
| 4/27/95 | 13 | 51 | 3 | 9.26 | 0.16 |
| 4/27/95 | 13 | 51.5 | 3.5 | 9.27 | 0.15 |
| 4/27/95 | 13 | 52 | 4 | 9.30 | 0.12 |
| 4/27/95 | 13 | 52.5 | 4.5 | 9.31 | 0.11 |
| 4/27/95 | 13 | 53 | 5 | 9.32 | 0.10 |
| 4/27/95 | 13 | 53.5 | 5.5 | 9.33 | 0.09 |
| 4/27/95 | 13 | 54 | 6 | 9.33 | 0.09 |
| 4/27/95 | 13 | 54.5 | 6.5 | 9.34 | 0.08 |
| 4/27/95 | 13 | 55 | 7 | 9.35 | 0.07 |
| 4/27/95 | 13 | 55.5 | 7.5 | 9.36 | 0.06 |
| 4/27/95 | 13 | 56 | 8 | 9.37 | 0.05 |
| 4/27/95 | 13 | 56.5 | 8.5 | 9.37 | 0.05 |
| 4/27/95 | 13 | 57 | 9 | 9.38 | 0.04 |
| 4/27/95 | 13 | 57.5 | 9.5 | 9.39 | 0.03 |
| 4/27/95 | 13 | 58 | 10 | 9.39 | 0.03 |
| 4/27/95 | 13 | 59 | 11 | 9.40 | 0.02 |
| 4/27/95 | 14 | 60 | 12 | 9.41 | 0.01 |
| 4/27/95 | 14 | 61 | 13 | 9.42 | 0.00 |

MW40 SLUG TEST: SLUG IN



SLUG TEST DATA SHEET FOR MW40: SLUG OUT

STATIC WATER LEVEL (H0) = 10.70 FT.

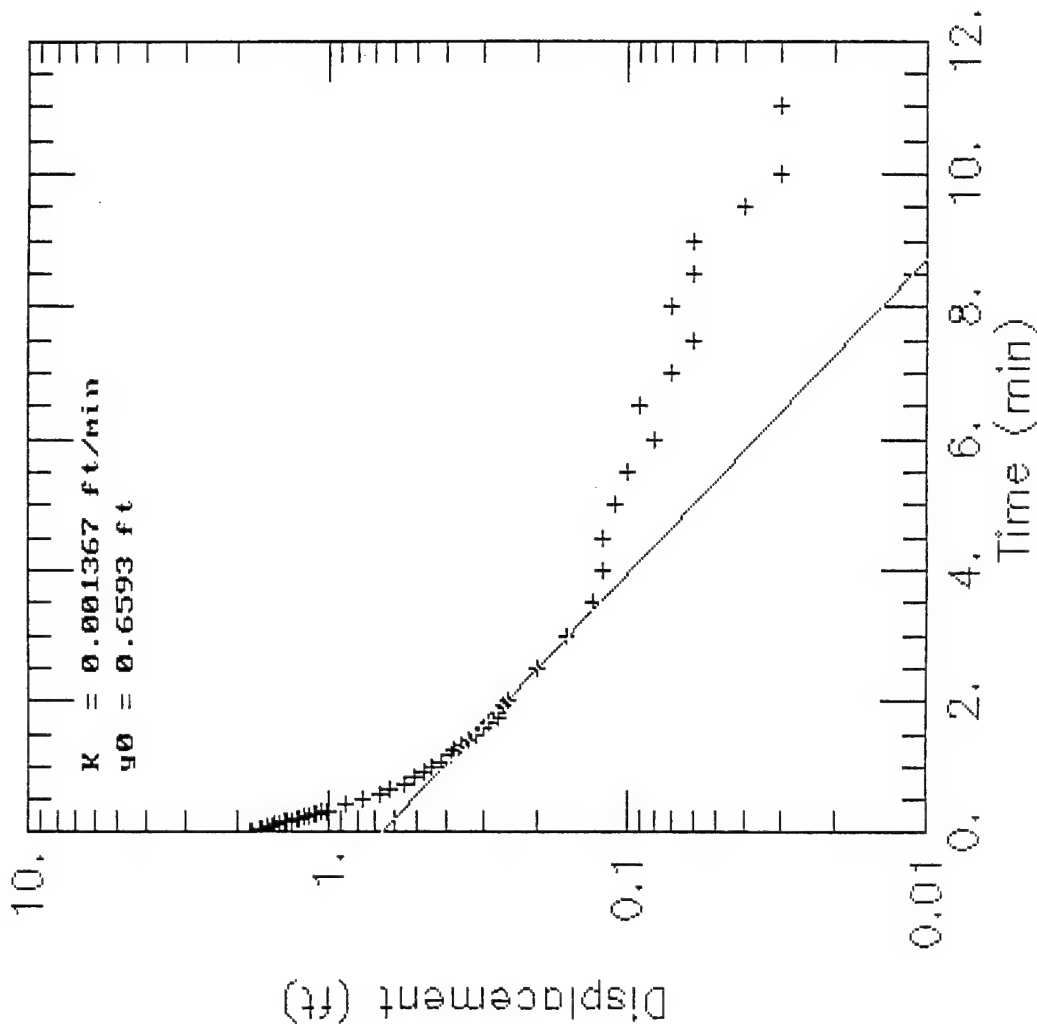
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|--------|-------------|-------------|--------|
| | | | SLUG INTRO/ | (FT. BELOW | LEVEL |
| | | | REMOVED | DATUM) | CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 14 | 2 | 0 | 11.83 | -1.13 |
| 4/27/95 | 14 | 2.0033 | 0.0033 | 13.93 | -3.23 |
| 4/27/95 | 14 | 2.0066 | 0.0066 | 11.81 | -1.11 |
| 4/27/95 | 14 | 2.0099 | 0.0099 | 11.39 | -0.69 |
| 4/27/95 | 14 | 2.0133 | 0.0133 | 12.33 | -1.63 |
| 4/27/95 | 14 | 2.0166 | 0.0166 | 12.39 | -1.69 |
| 4/27/95 | 14 | 2.02 | 0.02 | 12.51 | -1.81 |
| 4/27/95 | 14 | 2.0233 | 0.0233 | 12.51 | -1.81 |
| 4/27/95 | 14 | 2.0266 | 0.0266 | 12.52 | -1.82 |
| 4/27/95 | 14 | 2.03 | 0.03 | 12.48 | -1.78 |
| 4/27/95 | 14 | 2.0333 | 0.0333 | 12.47 | -1.77 |
| 4/27/95 | 14 | 2.05 | 0.05 | 12.40 | -1.70 |
| 4/27/95 | 14 | 2.0666 | 0.0666 | 12.35 | -1.65 |
| 4/27/95 | 14 | 2.0833 | 0.0833 | 12.29 | -1.59 |
| 4/27/95 | 14 | 2.1 | 0.1 | 12.24 | -1.54 |
| 4/27/95 | 14 | 2.1166 | 0.1166 | 12.20 | -1.50 |
| 4/27/95 | 14 | 2.1333 | 0.1333 | 12.14 | -1.44 |
| 4/27/95 | 14 | 2.15 | 0.15 | 12.10 | -1.40 |
| 4/27/95 | 14 | 2.1666 | 0.1666 | 12.06 | -1.36 |
| 4/27/95 | 14 | 2.1833 | 0.1833 | 12.01 | -1.31 |
| 4/27/95 | 14 | 2.2 | 0.2 | 11.97 | -1.27 |
| 4/27/95 | 14 | 2.2166 | 0.2166 | 11.94 | -1.24 |
| 4/27/95 | 14 | 2.2333 | 0.2333 | 11.89 | -1.19 |
| 4/27/95 | 14 | 2.25 | 0.25 | 11.85 | -1.15 |
| 4/27/95 | 14 | 2.2666 | 0.2666 | 11.82 | -1.12 |
| 4/27/95 | 14 | 2.2833 | 0.2833 | 11.79 | -1.09 |
| 4/27/95 | 14 | 2.3 | 0.3 | 11.75 | -1.05 |
| 4/27/95 | 14 | 2.3166 | 0.3166 | 11.72 | -1.02 |
| 4/27/95 | 14 | 2.3333 | 0.3333 | 11.70 | -1.00 |
| 4/27/95 | 14 | 2.4167 | 0.4167 | 11.57 | -0.87 |
| 4/27/95 | 14 | 2.5 | 0.5 | 11.46 | -0.76 |
| 4/27/95 | 14 | 2.5833 | 0.5833 | 11.37 | -0.67 |
| 4/27/95 | 14 | 2.6667 | 0.6667 | 11.32 | -0.62 |
| 4/27/95 | 14 | 2.75 | 0.75 | 11.25 | -0.55 |
| 4/27/95 | 14 | 2.8333 | 0.8333 | 11.21 | -0.51 |
| 4/27/95 | 14 | 2.9167 | 0.9167 | 11.18 | -0.48 |

SLUG TEST DATA SHEET FOR MW40: SLUG OUT

STATIC WATER LEVEL (H0) = 10.70 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|--------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 14 | 3 | 1 | 11.15 | -0.45 |
| 4/27/95 | 14 | 3.0833 | 1.0833 | 11.12 | -0.42 |
| 4/27/95 | 14 | 3.1667 | 1.1667 | 11.09 | -0.39 |
| 4/27/95 | 14 | 3.25 | 1.25 | 11.08 | -0.38 |
| 4/27/95 | 14 | 3.3333 | 1.3333 | 11.06 | -0.36 |
| 4/27/95 | 14 | 3.4166 | 1.4166 | 11.04 | -0.34 |
| 4/27/95 | 14 | 3.5 | 1.5 | 11.02 | -0.32 |
| 4/27/95 | 14 | 3.5833 | 1.5833 | 11.00 | -0.30 |
| 4/27/95 | 14 | 3.6667 | 1.6667 | 10.99 | -0.29 |
| 4/27/95 | 14 | 3.75 | 1.75 | 10.97 | -0.27 |
| 4/27/95 | 14 | 3.8333 | 1.8333 | 10.97 | -0.27 |
| 4/27/95 | 14 | 3.9167 | 1.9167 | 10.96 | -0.26 |
| 4/27/95 | 14 | 4 | 2 | 10.95 | -0.25 |
| 4/27/95 | 14 | 4.5 | 2.5 | 10.90 | -0.20 |
| 4/27/95 | 14 | 5 | 3 | 10.86 | -0.16 |
| 4/27/95 | 14 | 5.5 | 3.5 | 10.83 | -0.13 |
| 4/27/95 | 14 | 6 | 4 | 10.82 | -0.12 |
| 4/27/95 | 14 | 6.5 | 4.5 | 10.82 | -0.12 |
| 4/27/95 | 14 | 7 | 5 | 10.81 | -0.11 |
| 4/27/95 | 14 | 7.5 | 5.5 | 10.80 | -0.10 |
| 4/27/95 | 14 | 8 | 6 | 10.78 | -0.08 |
| 4/27/95 | 14 | 8.5 | 6.5 | 10.79 | -0.09 |
| 4/27/95 | 14 | 9 | 7 | 10.77 | -0.07 |
| 4/27/95 | 14 | 9.5 | 7.5 | 10.76 | -0.06 |
| 4/27/95 | 14 | 10 | 8 | 10.77 | -0.07 |
| 4/27/95 | 14 | 10.5 | 8.5 | 10.76 | -0.06 |
| 4/27/95 | 14 | 11 | 9 | 10.76 | -0.06 |
| 4/27/95 | 14 | 11.5 | 9.5 | 10.74 | -0.04 |
| 4/27/95 | 14 | 12 | 10 | 10.73 | -0.03 |
| 4/27/95 | 14 | 13 | 11 | 10.73 | -0.03 |
| 4/27/95 | 14 | 14 | 12 | 10.73 | -0.03 |
| 4/27/95 | 14 | 15 | 13 | 10.73 | -0.03 |
| 4/27/95 | 14 | 16 | 14 | 10.73 | -0.03 |
| 4/27/95 | 14 | 17 | 15 | 10.72 | -0.02 |
| 4/27/95 | 14 | 18 | 16 | 10.73 | -0.03 |
| 4/27/95 | 14 | 19 | 17 | 10.73 | -0.03 |

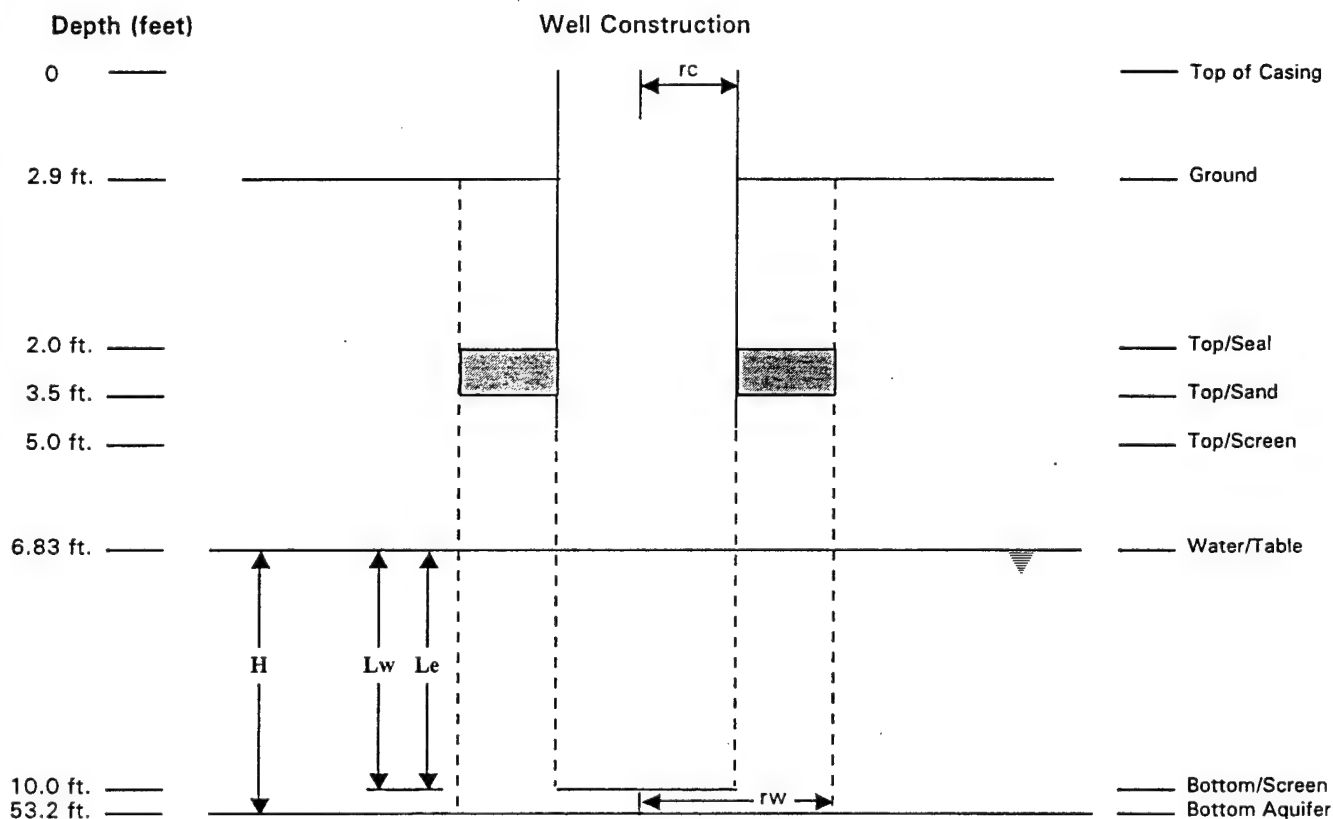
MW40 SLUG TEST: SLUG OUT



Hydraulic Conductivity Calculations

| | | |
|---------------------------------------|-------------------|---------------------------------|
| Project: Woodbridge Research Facility | Location: AREE 8 | Computed by: DFP Checked by: |
| Project Number: 931976-03 | Well Number: MW41 | Date Completed: 05/04/95 |

Reference: Bower and Rice Method (1976)



Explanation

- H = Depth of Saturated Zone = 43.20 feet
- Lw = Distance from Static Water Level to Bottom of Developed Zone (Bottom of Screen) = 3.17 feet
- Le = Distance from Top of Screen to Bottom of Developed Zone (Bottom of Screen) = 5.0 feet
- rc = Inside Radius of Well Casing = 0.17 feet
- rw = Radius of Well Developed Zone (Borehole) = 0.50 feet

SLUG TEST DATA SHEET FOR MW41: SLUG IN

STATIC WATER LEVEL (H0) = 7.16 FT.

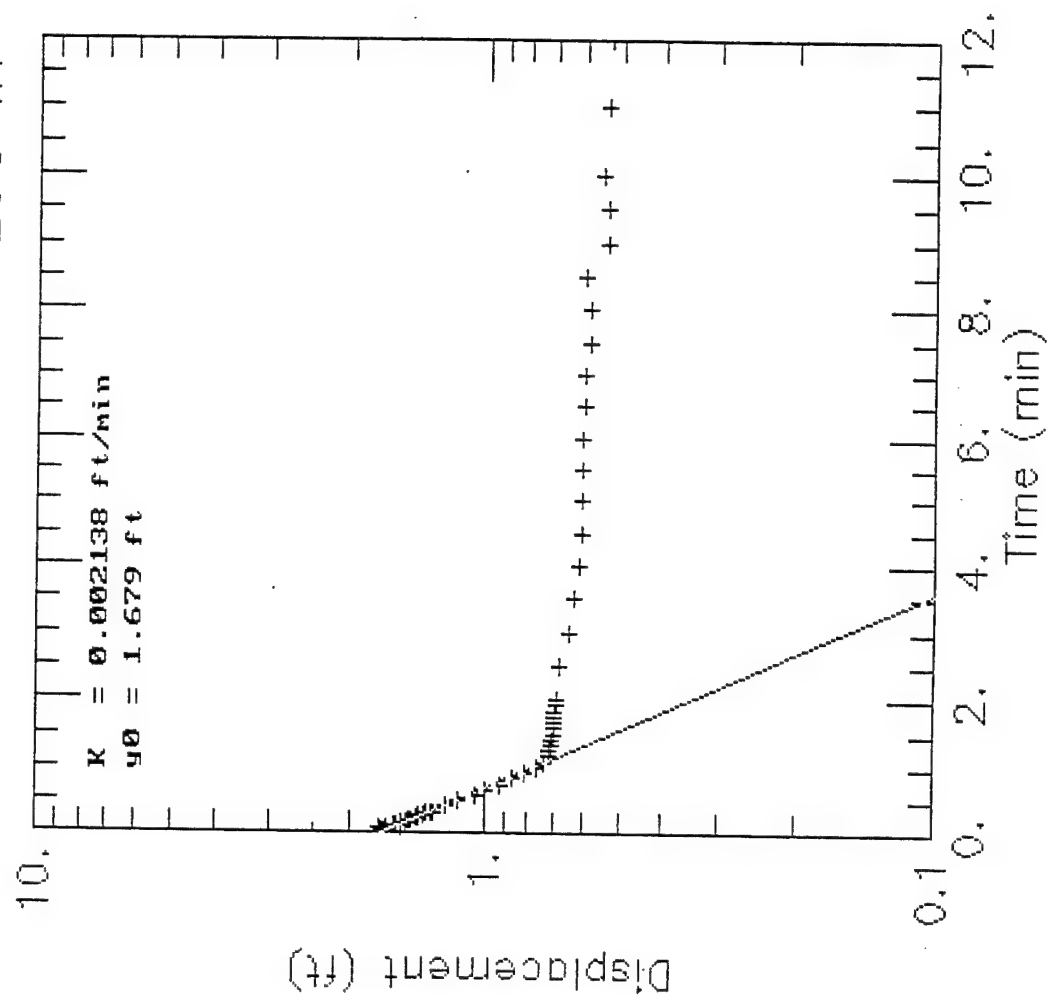
| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 9 | 33 | 0 | 7.14 | 0.02 |
| 4/27/95 | 9 | 33.0033 | 0.0033 | 7.15 | 0.01 |
| 4/27/95 | 9 | 33.0066 | 0.0066 | 6.87 | 0.29 |
| 4/27/95 | 9 | 33.0099 | 0.0099 | 6.39 | 0.77 |
| 4/27/95 | 9 | 33.0133 | 0.0133 | 6.16 | 1.00 |
| 4/27/95 | 9 | 33.0166 | 0.0166 | 5.92 | 1.24 |
| 4/27/95 | 9 | 33.02 | 0.02 | 5.80 | 1.36 |
| 4/27/95 | 9 | 33.0233 | 0.0233 | 5.70 | 1.46 |
| 4/27/95 | 9 | 33.0266 | 0.0266 | 6.00 | 1.16 |
| 4/27/95 | 9 | 33.03 | 0.03 | 6.36 | 0.80 |
| 4/27/95 | 9 | 33.0333 | 0.0333 | 4.75 | 2.41 |
| 4/27/95 | 9 | 33.05 | 0.05 | 5.48 | 1.68 |
| 4/27/95 | 9 | 33.0666 | 0.0666 | 5.49 | 1.67 |
| 4/27/95 | 9 | 33.0833 | 0.0833 | 5.51 | 1.65 |
| 4/27/95 | 9 | 33.1 | 0.1 | 5.45 | 1.71 |
| 4/27/95 | 9 | 33.1166 | 0.1166 | 5.57 | 1.59 |
| 4/27/95 | 9 | 33.1333 | 0.1333 | 5.60 | 1.56 |
| 4/27/95 | 9 | 33.15 | 0.15 | 5.63 | 1.53 |
| 4/27/95 | 9 | 33.1666 | 0.1666 | 5.64 | 1.52 |
| 4/27/95 | 9 | 33.1833 | 0.1833 | 5.67 | 1.49 |
| 4/27/95 | 9 | 33.2 | 0.2 | 5.69 | 1.47 |
| 4/27/95 | 9 | 33.2166 | 0.2166 | 5.71 | 1.45 |
| 4/27/95 | 9 | 33.2333 | 0.2333 | 5.74 | 1.42 |
| 4/27/95 | 9 | 33.25 | 0.25 | 5.76 | 1.40 |
| 4/27/95 | 9 | 33.2666 | 0.2666 | 5.77 | 1.39 |
| 4/27/95 | 9 | 33.2833 | 0.2833 | 5.80 | 1.36 |
| 4/27/95 | 9 | 33.3 | 0.3 | 5.81 | 1.35 |
| 4/27/95 | 9 | 33.3166 | 0.3166 | 5.84 | 1.32 |
| 4/27/95 | 9 | 33.3333 | 0.3333 | 5.86 | 1.30 |
| 4/27/95 | 9 | 33.4167 | 0.4167 | 5.94 | 1.22 |
| 4/27/95 | 9 | 33.5 | 0.5 | 6.02 | 1.14 |
| 4/27/95 | 9 | 33.5833 | 0.5833 | 6.11 | 1.05 |
| 4/27/95 | 9 | 33.6667 | 0.6667 | 6.17 | 0.99 |
| 4/27/95 | 9 | 33.75 | 0.75 | 6.24 | 0.92 |
| 4/27/95 | 9 | 33.8333 | 0.8333 | 6.29 | 0.87 |
| 4/27/95 | 9 | 33.9167 | 0.9167 | 6.35 | 0.81 |

SLUG TEST DATA SHEET FOR MW41: SLUG IN

STATIC WATER LEVEL (H0) = 7.16 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|-------------|-------------|--------|
| | | | SLUG INTRO/ | (FT. BELOW | LEVEL |
| | | | REMOVED | DATUM) | CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 9 | 34 | 1 | 6.40 | 0.76 |
| 4/27/95 | 9 | 34.0833 | 1.0833 | 6.42 | 0.74 |
| 4/27/95 | 9 | 34.1667 | 1.1667 | 6.44 | 0.72 |
| 4/27/95 | 9 | 34.25 | 1.25 | 6.44 | 0.72 |
| 4/27/95 | 9 | 34.3333 | 1.3333 | 6.45 | 0.71 |
| 4/27/95 | 9 | 34.4166 | 1.4166 | 6.45 | 0.71 |
| 4/27/95 | 9 | 34.5 | 1.5 | 6.46 | 0.70 |
| 4/27/95 | 9 | 34.5833 | 1.5833 | 6.46 | 0.70 |
| 4/27/95 | 9 | 34.6667 | 1.6667 | 6.46 | 0.70 |
| 4/27/95 | 9 | 34.75 | 1.75 | 6.46 | 0.70 |
| 4/27/95 | 9 | 34.8333 | 1.8333 | 6.46 | 0.70 |
| 4/27/95 | 9 | 34.9167 | 1.9167 | 6.47 | 0.69 |
| 4/27/95 | 9 | 35 | 2 | 6.47 | 0.69 |
| 4/27/95 | 9 | 35.5 | 2.5 | 6.48 | 0.68 |
| 4/27/95 | 9 | 36 | 3 | 6.51 | 0.65 |
| 4/27/95 | 9 | 36.5 | 3.5 | 6.53 | 0.63 |
| 4/27/95 | 9 | 37 | 4 | 6.54 | 0.62 |
| 4/27/95 | 9 | 37.5 | 4.5 | 6.55 | 0.61 |
| 4/27/95 | 9 | 38 | 5 | 6.55 | 0.61 |
| 4/27/95 | 9 | 38.5 | 5.5 | 6.55 | 0.61 |
| 4/27/95 | 9 | 39 | 6 | 6.55 | 0.61 |
| 4/27/95 | 9 | 39.5 | 6.5 | 6.56 | 0.60 |
| 4/27/95 | 9 | 40 | 7 | 6.56 | 0.60 |
| 4/27/95 | 9 | 40.5 | 7.5 | 6.57 | 0.59 |
| 4/27/95 | 9 | 41 | 8 | 6.57 | 0.59 |
| 4/27/95 | 9 | 41.5 | 8.5 | 6.56 | 0.60 |
| 4/27/95 | 9 | 42 | 9 | 6.62 | 0.54 |
| 4/27/95 | 9 | 42.5 | 9.5 | 6.62 | 0.54 |
| 4/27/95 | 9 | 43 | 10 | 6.61 | 0.55 |
| 4/27/95 | 9 | 44 | 11 | 6.62 | 0.54 |
| 4/27/95 | 9 | 45 | 12 | 6.63 | 0.53 |
| 4/27/95 | 9 | 46 | 13 | 6.62 | 0.54 |

MWW41 SLUG TEST: SLUG IN



SLUG TEST DATA SHEET FOR MW41: SLUG OUT

STATIC WATER LEVEL (H0) = 7.16 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|---------|------------------------|----------------------|-----------------|
| | | | SLUG INTRO/ REMOVED | (FT. BELOW DATUM) | LEVEL CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 9 | 48 | 0 | 9.03 | -1.87 |
| 4/27/95 | 9 | 48.0033 | 0.0033 | 9.01 | -1.85 |
| 4/27/95 | 9 | 48.0066 | 0.0066 | 8.56 | -1.40 |
| 4/27/95 | 9 | 48.0099 | 0.0099 | 9.14 | -1.98 |
| 4/27/95 | 9 | 48.0133 | 0.0133 | 9.11 | -1.95 |
| 4/27/95 | 9 | 48.0166 | 0.0166 | 9.10 | -1.94 |
| 4/27/95 | 9 | 48.02 | 0.02 | 9.10 | -1.94 |
| 4/27/95 | 9 | 48.0233 | 0.0233 | 9.09 | -1.93 |
| 4/27/95 | 9 | 48.0266 | 0.0266 | 9.08 | -1.92 |
| 4/27/95 | 9 | 48.03 | 0.03 | 9.07 | -1.91 |
| 4/27/95 | 9 | 48.0333 | 0.0333 | 9.06 | -1.90 |
| 4/27/95 | 9 | 48.05 | 0.05 | 9.02 | -1.86 |
| 4/27/95 | 9 | 48.0666 | 0.0666 | 8.99 | -1.83 |
| 4/27/95 | 9 | 48.0833 | 0.0833 | 8.96 | -1.80 |
| 4/27/95 | 9 | 48.1 | 0.1 | 8.94 | -1.78 |
| 4/27/95 | 9 | 48.1166 | 0.1166 | 8.93 | -1.77 |
| 4/27/95 | 9 | 48.1333 | 0.1333 | 8.93 | -1.77 |
| 4/27/95 | 9 | 48.15 | 0.15 | 8.93 | -1.77 |
| 4/27/95 | 9 | 48.1666 | 0.1666 | 8.93 | -1.77 |
| 4/27/95 | 9 | 48.1833 | 0.1833 | 8.92 | -1.76 |
| 4/27/95 | 9 | 48.2 | 0.2 | 8.92 | -1.76 |
| 4/27/95 | 9 | 48.2166 | 0.2166 | 8.92 | -1.76 |
| 4/27/95 | 9 | 48.2333 | 0.2333 | 8.91 | -1.75 |
| 4/27/95 | 9 | 48.25 | 0.25 | 8.91 | -1.75 |
| 4/27/95 | 9 | 48.2666 | 0.2666 | 8.91 | -1.75 |
| 4/27/95 | 9 | 48.2833 | 0.2833 | 8.91 | -1.75 |
| 4/27/95 | 9 | 48.3 | 0.3 | 8.91 | -1.75 |
| 4/27/95 | 9 | 48.3166 | 0.3166 | 8.90 | -1.74 |
| 4/27/95 | 9 | 48.3333 | 0.3333 | 8.90 | -1.74 |
| 4/27/95 | 9 | 48.4167 | 0.4167 | 8.88 | -1.72 |
| 4/27/95 | 9 | 48.5 | 0.5 | 8.86 | -1.70 |
| 4/27/95 | 9 | 48.5833 | 0.5833 | 8.84 | -1.68 |
| 4/27/95 | 9 | 48.6667 | 0.6667 | 8.82 | -1.66 |
| 4/27/95 | 9 | 48.75 | 0.75 | 8.81 | -1.65 |
| 4/27/95 | 9 | 48.8333 | 0.8333 | 8.78 | -1.62 |
| 4/27/95 | 9 | 48.9167 | 0.9167 | 8.76 | -1.60 |

SLUG TEST DATA SHEET FOR MW41: SLUG OUT

STATIC WATER LEVEL (H0) = 7.16 FT.

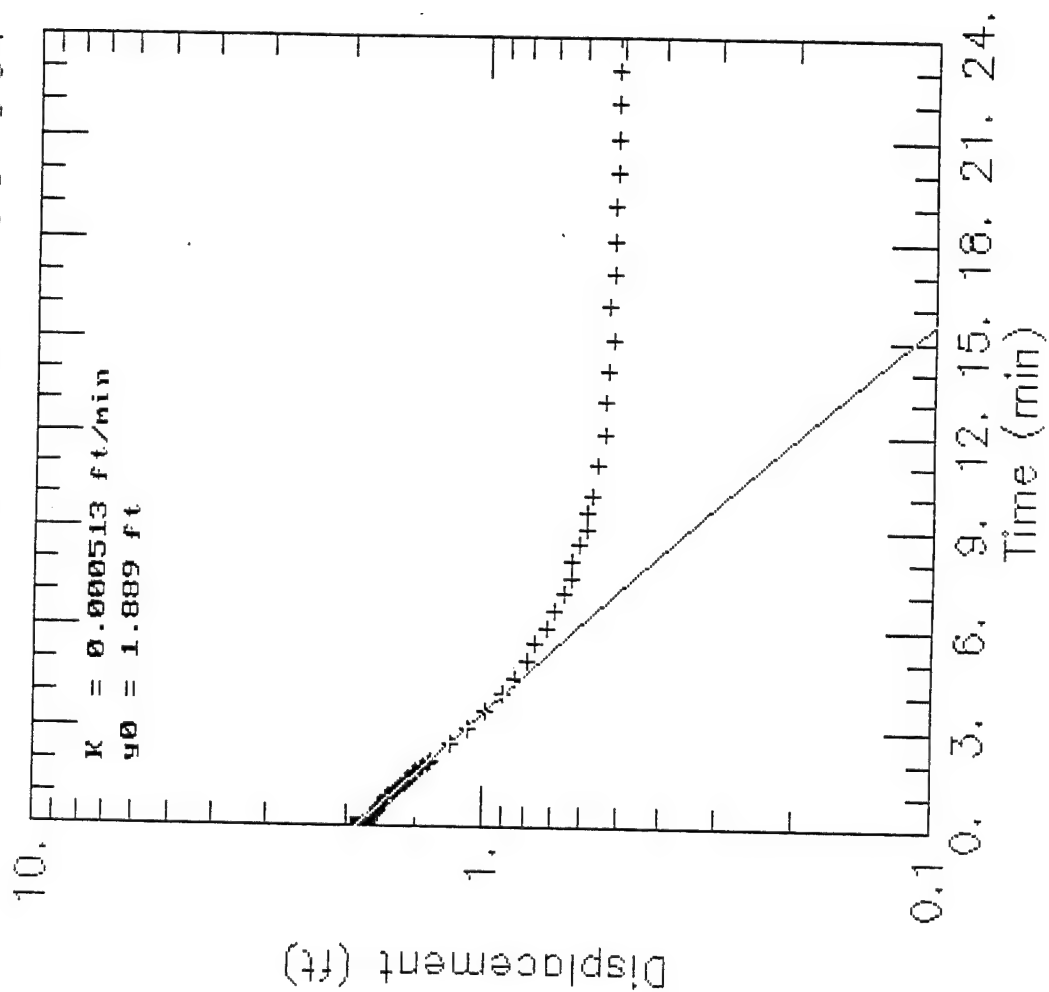
| TIME | | | TIME SINCE SLUG INTRO/ REMOVED | WATER LEVEL (FT. BELOW DATUM) | WATER LEVEL CHANGE |
|---------|------|---------|--------------------------------------|-------------------------------------|--------------------------|
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 9 | 49 | 1 | 8.73 | -1.57 |
| 4/27/95 | 9 | 49.0833 | 1.0833 | 8.70 | -1.54 |
| 4/27/95 | 9 | 49.1667 | 1.1667 | 8.68 | -1.52 |
| 4/27/95 | 9 | 49.25 | 1.25 | 8.67 | -1.51 |
| 4/27/95 | 9 | 49.3333 | 1.3333 | 8.64 | -1.48 |
| 4/27/95 | 9 | 49.4166 | 1.4166 | 8.62 | -1.46 |
| 4/27/95 | 9 | 49.5 | 1.5 | 8.59 | -1.43 |
| 4/27/95 | 9 | 49.5833 | 1.5833 | 8.57 | -1.41 |
| 4/27/95 | 9 | 49.6667 | 1.6667 | 8.55 | -1.39 |
| 4/27/95 | 9 | 49.75 | 1.75 | 8.53 | -1.37 |
| 4/27/95 | 9 | 49.8333 | 1.8333 | 8.50 | -1.34 |
| 4/27/95 | 9 | 49.9167 | 1.9167 | 8.48 | -1.32 |
| 4/27/95 | 9 | 50 | 2 | 8.46 | -1.30 |
| 4/27/95 | 9 | 50.5 | 2.5 | 8.33 | -1.17 |
| 4/27/95 | 9 | 51 | 3 | 8.23 | -1.07 |
| 4/27/95 | 9 | 51.5 | 3.5 | 8.14 | -0.98 |
| 4/27/95 | 9 | 52 | 4 | 8.06 | -0.90 |
| 4/27/95 | 9 | 52.5 | 4.5 | 8.01 | -0.85 |
| 4/27/95 | 9 | 53 | 5 | 7.95 | -0.79 |
| 4/27/95 | 9 | 53.5 | 5.5 | 7.92 | -0.76 |
| 4/27/95 | 9 | 54 | 6 | 7.88 | -0.72 |
| 4/27/95 | 9 | 54.5 | 6.5 | 7.85 | -0.69 |
| 4/27/95 | 9 | 55 | 7 | 7.82 | -0.66 |
| 4/27/95 | 9 | 55.5 | 7.5 | 7.79 | -0.63 |
| 4/27/95 | 9 | 56 | 8 | 7.79 | -0.63 |
| 4/27/95 | 9 | 56.5 | 8.5 | 7.77 | -0.61 |
| 4/27/95 | 9 | 57 | 9 | 7.75 | -0.59 |
| 4/27/95 | 9 | 57.5 | 9.5 | 7.75 | -0.59 |
| 4/27/95 | 9 | 58 | 10 | 7.73 | -0.57 |
| 4/27/95 | 9 | 59 | 11 | 7.72 | -0.56 |
| 4/27/95 | 10 | 60 | 12 | 7.70 | -0.54 |
| 4/27/95 | 10 | 61 | 13 | 7.70 | -0.54 |
| 4/27/95 | 10 | 62 | 14 | 7.69 | -0.53 |
| 4/27/95 | 10 | 63 | 15 | 7.68 | -0.52 |
| 4/27/95 | 10 | 64 | 16 | 7.69 | -0.53 |
| 4/27/95 | 10 | 65 | 17 | 7.68 | -0.52 |

SLUG TEST DATA SHEET FOR MW41: SLUG OUT

STATIC WATER LEVEL (H0) = 7.16 FT.

| TIME | | | TIME SINCE | WATER LEVEL | WATER |
|---------|------|--------|-------------|-------------|--------|
| | | | SLUG INTRO/ | (FT. BELOW | LEVEL |
| | | | REMOVED | DATUM) | CHANGE |
| DATE | HOUR | MINUTE | (MIN) | H | H0-H |
| 4/27/95 | 10 | 66 | 18 | 7.68 | -0.52 |
| 4/27/95 | 10 | 67 | 19 | 7.68 | -0.52 |
| 4/27/95 | 10 | 68 | 20 | 7.67 | -0.51 |
| 4/27/95 | 10 | 69 | 21 | 7.67 | -0.51 |
| 4/27/95 | 10 | 70 | 22 | 7.67 | -0.51 |
| 4/27/95 | 10 | 71 | 23 | 7.67 | -0.51 |
| 4/27/95 | 10 | 72 | 24 | 7.67 | -0.51 |

MW41 SLUG TEST: SLUG OUT



A P P E N D I X E

FIELD DATA FORMS

Borehole Log

| | | | | | | | | | | | |
|-------------------------|--|--|--|--|--|-------------------------|--|--|--|--------------------------|--|
| Project Name: | | | | | | Project Number: | | | | | |
| Borehole Location: | | | | | | Borehole No. | | | | Sheet 1 of | |
| Drilling Agency: | | | | | | Driller: | | | | | |
| Drilling Equipment: | | | | | | Date Started: | | | | Total Depth (feet): | |
| Drilling Method: | | | | | | Date Finished: | | | | Depth to Bedrock (feet): | |
| Drilling Fluid | | | | | | Number of Samples: | | | | Depth to Water (feet): | |
| Completion Information: | | | | | | Borehole Diameter (in): | | | | Elevation and Datum: | |
| | | | | | | Logged by: | | | | Checked by: | |

| Depth (feet) | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
|--------------|--------|----------|------------|----------|------|-----------------------|-------------------|------------------------|---------|
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B* | USCS or Rock Type | | |
| 5 | | | | | | | | | |
| 10 | | | | | | | | | |
| 15 | | | | | | | | | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone;
 BG = Background; BH = Borehole Headspace

Borehole Log

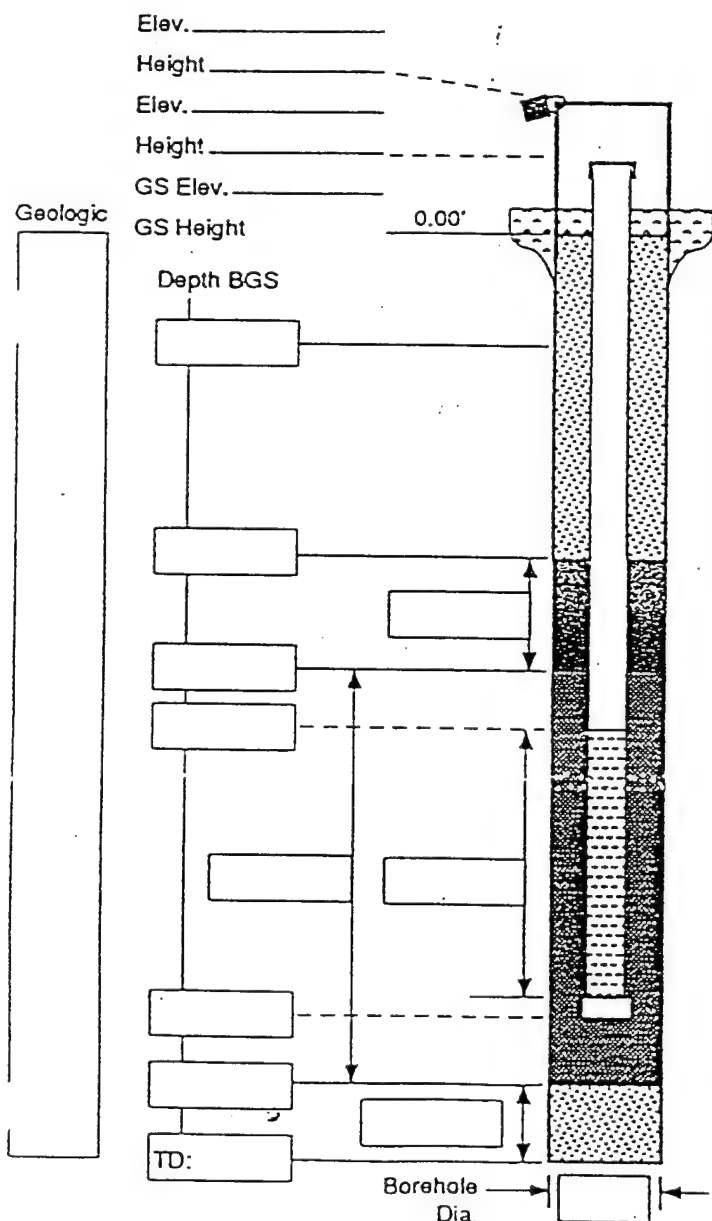
(Continuation Sheet)

| Project Name: | | | | | | Project Number: | | Sheet 2 of | |
|--------------------|--------|----------|------------|----------|------|-----------------------|-------------------|------------------------|---------|
| Borehole Location: | | | | | | Borehole Number: | | Logged by: | |
| | | | | | | | | Date: | |
| | Sample | | | | | Analysis | LOG | Lithologic Description | Remarks |
| | Number | Interval | Blow Count | Recovery | Time | PID or FID (ppm) S/B* | USCS or Rock Type | | |
| 20 | | | | | | | | | |
| 25 | | | | | | | | | |
| 30 | | | | | | | | | |
| 35 | | | | | | | | | |

KEY: * S/B = Sample Reading / Background Reading; NA = Not Analyzed; BZ = Breathing Zone;
 BG = Background; BH = Borehole Headspace

Monitoring Well Construction Log - Above Ground

| | | |
|---------------------|-------------------------|----------------------|
| Project Name: | Project Number: | Date: |
| Well: | Well ID: | Sheet ____ of ____ |
| Order: | Borehole Diameter (in): | Total Depth (ft): |
| Drilling Agency: | Date Started: | Depth to Water (ft): |
| Drilling Equipment: | Date Finished: | Elevation and Datum: |
| Drilling Method: | Logged by: | Checked by: |
| Drilling Fluid: | Number of Samples: | Date: |



PROTECTIVE CSG

Material / Type:

Diameter:

Depth BGS: _____ Weep Hole (Y / N)

GUARD POSTS (Y / N)

No.: _____ Type: _____

SURFACE PAD

Composition and Size: _____

RISER PIPE

Type: _____

Diameter: _____

Total Length (TOC to TOS): _____

Ventilated Cap (Y / N)

GROUT

Composition and Proportions: _____

Tremied (Y / N)

Interval BGS: _____

CENTRALIZERS

Depth(s): _____

SEAL

Type: _____

Source: _____

Setup / Hydration Time: _____ Vol. Fluid Added: _____

Tremied (Y / N)

FILTER PACK

Type: _____

Amtl. Used: _____

Tremied (Y / N)

Source: _____

Gr. Size Dist: _____

SCREEN

Type: _____

Diameter: _____

Slot Size and Type: _____

Interval BGS: _____

WELL FOOT (Y / N)

Interval BGS: _____ Length: _____

Bottom Cap (Y / N)

BACKFILL PLUG

Material: _____

Setup / Hydration Time: _____

Tremied (Y / N)

WELL DEVELOPMENT LOG

| | | | |
|-----------------|----------------------|-------------------|--------------|
| Date: | Well ID: | Sample Number: | Recorded By: |
| Project Name: | Well Location: | Duplicate Number: | Checked By: |
| Project Number: | Date Well Installed: | | |

| EQUIPMENT | |
|--------------------------------------|--------------------|
| pH/Conductivity/Temperature Meter #: | Purging Equipment: |
| PID #: | |
| Electric Sounder #: | |

| WELL DATA | | |
|---------------------------|---------------------------|---|
| Elevation: | Water Column in Well: | Total Vol. Extr.: |
| Well Diameter: | Borehole Diameter: | Ambient PID: |
| Well Depth: | Water Column in Borehole: | Well Mouth PID: |
| Static Water Level: | Standing Water Vol.: | Static Water Level 24 Hrs. After Development: |
| Screen Length: | | |
| Ground Condition of Well: | | |
| Remarks: | | |

| PURGING | | | | |
|--------------|---|---|---|---|
| | 1 | 2 | 3 | 4 |
| Time | | | | |
| Rate | | | | |
| Temperature | | | | |
| pH | | | | |
| Conductivity | | | | |
| Vol. Purged | | | | |
| Remarks | | | | |

| | |
|---|----------------------------------|
| Project Name _____ | Project No. _____ |
| Location _____ | Date _____ |
| Well No. _____ | Recorded by _____ |
| Volume Displaced/Added/Removed _____ | Datum Point _____ |
| Static Water Level (H ₀) _____ | Elevation of Datum Point _____ |
| Screen Interval _____ | Depth to Bottom Well (ft.) _____ |
| Duration of Test: _____ | Saturated Thickness (ft.) _____ |
| Radius of Well Casing (ID) _____ in (÷ 12 = _____ ft) | |
| Water Level Measuring Equipment _____ | |
| Radius of Well Borehole: _____ in (÷ 12 = _____ ft) | Checked by _____ Date _____ |

[illegible]

Decontamination Record

| | |
|--|----------------------|
| Project Name _____ | Project Number _____ |
| Recorded By _____ | Site _____ |
| Date _____ Time _____ | Checked By _____ |
| | Date _____ |
| Decontamination after borehole/well/sampling point _____ | |

| Equipment | Use | Steam/Hot Water | Detergent/Water | Potable Water | Deionized Water | Type II Water | Other Water | Methanol | Hexane | HNO ₃ (Dilution) | | | Equip. Blank No. |
|--------------|-----|-----------------|-----------------|---------------|-----------------|---------------|-------------|----------|--------|-----------------------------|--|--|------------------|
| Drill rig | | | | | | | | | | | | | |
| Drill Rods | | | | | | | | | | | | | |
| Augers | | | | | | | | | | | | | |
| Soil sampler | | | | | | | | | | | | | |
| Pump | | | | | | | | | | | | | |
| (Type) | | | | | | | | | | | | | |
| Bailer | | | | | | | | | | | | | |
| Trowel | | | | | | | | | | | | | |
| Hand auger | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Use key : GS - Groundwater Sampling, SS - Soil Sampling, WP - Well Purging

Comments (e.g. initial decon, between which locations, or if last decon for the day)

Soil / Sediment Sampling Record

| | |
|---|---|
| Project Name _____ Location _____ Recorded By _____ Date _____ Site _____ | Project Number _____ Sample Number _____ Duplicate Number _____ Checked by _____ Date _____ |
|---|---|

Sampling Equipment _____

Sample Type: ☐ Soil ☐ Sediment ☐ Rock

Sample Type Description

USCS Soil Type _____

Color _____

Odor _____

Depth _____

Number of Samples _____

Comments _____

Sampling Point (sketch):

| | | |
|---|--|---|
| Decontamination | | |
| Equipment: <input type="checkbox"/> Hand auger Type _____ Trowel _____ Other _____ <input type="checkbox"/> _____ | Decontamination Fluids: <input type="checkbox"/> Steam/Hot Water <input type="checkbox"/> Detergent/ Water <input type="checkbox"/> Potable Water <input type="checkbox"/> Deionized Water <input type="checkbox"/> _____ | <input type="checkbox"/> Methanol <input type="checkbox"/> Hexane <input type="checkbox"/> HNO ₃ ; dilution <input type="checkbox"/> Other ³ _____ <input type="checkbox"/> _____ |

DAILY QUALITY CONTROL REPORT

Woodbridge Research Facility, U.S. Army Research Laboratory

Client: U.S. Army Environment Center

TETC Project Number: 931976

Date:

| Day | S | M | T | W | Th | F | S |
|-------------|------------|----------|----------|------------|-------|---|---|
| Weather | Bright Sun | Clear | Overcast | Rain | Snow | | |
| Temperature | To 32 | 32 - 50 | 50 - 70 | 70 - 85 | 85 up | | |
| Wind | Still | Moderate | High | Report No. | | | |
| Humidity | Dry | Moderate | Humid | | | | |

Earth Technology Personnel Onsite:

Subcontractor, Equipment Onsite:

Work Performed (including sampling):



Woodbridge Research Facility, U.S. Army Research Laboratory

TETC Project Number: 931976

Date:

Work Performed (Continued)

Quality Control Activities (including field calibrations):

Health and Safety Levels and Activities:

Problems Encountered/Correction Action Taken:

Special Notes:

Tomorrow's Expectations:

By:

Title:

A P P E N D I X F

CHAIN OF CUSTODY FORMS



Installation WB

Prime Contractor EY

Sample Program BEI

Sampled By (PRINT):

Keith Schenkel
Sampler Signature

Keith M. Schenkel 8111 Vesperwood Dr. 94131

[illegible]

| SHIPPING AIRBILL NO. | NO. OF COOLERS | NO. OF COG IN SHIPMENT |
|----------------------|----------------|------------------------|
| 146646551 | 1 | 2 of 2 |

Field Sampling Remarks:

[illegible]

SEE REVERSE SIDE FOR INSTRUCTIONS



Installation **WB**

Prime Contractor **EV**

Sample Program **BEI**

Sampled By (PRINT):

Keith Schenkel
Date Sampled

Sampler Signature

Keith Schenkel 18/194

Report To:

Bill To: (000) ybom...

P.O. # / Billing Reference: **931976-03**

Pace Client No.

Bill Schenkel
Pace Project Manager

Pace Project No.

| Sampled By (PRINT): Keith Schenkel | | | | | | | | | |
|-------------------------------------|-----------|---------|------------------|-----|--------------|-----------|----------|-------------------|--------------------------------|
| Date Sampled 18/194 | | | | | | | | | |
| Sampler Signature Keith S. Schenkel | | | | | | | | | |
| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTR | SAMPLE DEPTH | SUPP TECH | PACE NO. | NO. OF CONTAINERS | PRESERVATIVES |
| CSO | BORE | A08-3 | 08B10369 | S | 8 | G | 18/194 | 2 | UNPRESERVED |
| CSO | BORE | A08-3 | 08B10369 | S | 8 | G | 18/194 | 1 | H ₂ SO ₄ |
| CSO | BORE | A08-3 | 08B10369 | S | 8 | G | 18/194 | 1 | HNO ₃ |
| CSO | BORE | A08-3 | 08B10369 | S | 8 | G | 18/194 | 1 | HCl |
| CSO | BORE | A08-3 | 08B10369 | S | 8 | G | 18/194 | 1 | NaOH |
| CSO | BORE | A23-1 | 23B10102 | S | 8 | G | 18/194 | 2 | UNPRESERVED |
| CSO | BORE | A23-1 | 23B10102 | S | 8 | G | 18/194 | 1 | H ₂ SO ₄ |
| CSO | BORE | A23-1 | 23B10102 | S | 8 | G | 18/194 | 1 | HNO ₃ |
| CSO | BORE | A23-1 | 23B10102 | S | 8 | G | 18/194 | 1 | HCl |
| CSO | BORE | A23-1 | 23B10102 | S | 8 | G | 18/194 | 1 | NaOH |
| CSO | BORE | A23-1 | 23B10104 | S | 8 | G | 18/194 | 2 | UNPRESERVED |
| CSO | BORE | A23-1 | 23B10104 | S | 8 | G | 18/194 | 1 | H ₂ SO ₄ |
| CSO | BORE | A23-1 | 23B10104 | S | 8 | G | 18/194 | 1 | HNO ₃ |
| CSO | BORE | A23-1 | 23B10104 | S | 8 | G | 18/194 | 1 | HCl |
| CSO | BORE | A23-1 | 23B10104 | S | 8 | G | 18/194 | 1 | NaOH |

| SHIPPING AIRBILL NO. | | NO. OF COOLERS | | NO. OF COC IN SHIPMENT | | TOTAL COUNT | RELINQUISHED BY / AFFILIATION | | DATE | TIME | ACCEPTED BY / AFFILIATION | | DATE | TIME | LABORATORY REMARKS | |
|----------------------|--|----------------|--|------------------------|--|-------------|-------------------------------|--|---------|------|---------------------------|--|---------|------|---|--|
| 4166465883 | | 1 | | 4 | | 12 | Keith Schenkel TETC | | 4/10/14 | 1650 | Keith Schenkel TETC | | 4/10/14 | 1650 | EXPLOSIVES H ₂ O EXPLOSIVES SOIL DUSTIC (H ₂ O) SWITCH RIG SWITCH RIG SWITCH RIG | |
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| SHIPPING AIRBILL NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT | TOTAL CONT | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME |
|-------------------------|----------------|------------------------|------------|-------------------------------|---------|------|---------------------------|---------|------|
| 446646583 | 1 | 4 | 12 | Keith Schenkel TFC | 4/14/16 | 1650 | Keith Schenkel | 4/14/16 | |
| Field Sampling Remarks: | | | | | | | | | |
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SEE REVERSE SIDE FOR INSTRUCTIONS

WHITE: PAGE FILE... YELLOW: PRIME CONTRACTOR PROJECT MANAGER... PINK: PACE PROJECT MANAGER... GOLD: RETAIN IN FIELD



USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

Installation: **WB** Report To: **Bill Sc (u) l**

Prime Contractor: **BEI** Bill To: **Bill Sc (u) l**

Sample Program: **BEI** Pace Project No. **931976-03**

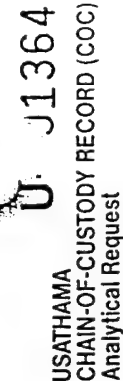
Sampled By (PRINT): **Keith Schinkel**

Sampler Signature: **Keith M. Schinkel** Date Sampled: **08/11/05**

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT | TOTAL CONT. | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME |
|-----------|-----------|---------|------------------|----------------|------------------------|-------------|-------------------------------|-----------|------|---------------------------|-----------|------|
| CSO | BORE | MU-31 | 088113105 | 5 | 4 | 12 | Keith Schinkel / TETC | 9/14/1850 | | Fed Ex | 9/14/1930 | |
| CSO | BORE | MU-32 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-33 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-34 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-35 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-36 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-37 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-38 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-39 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-40 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-41 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-42 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-43 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-44 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-45 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-46 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-47 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-48 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-49 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-50 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-51 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-52 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-53 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-54 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-55 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-56 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-57 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-58 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-59 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-60 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-61 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-62 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-63 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-64 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-65 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-66 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-67 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-68 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-69 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-70 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-71 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-72 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-73 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-74 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-75 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-76 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-77 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-78 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-79 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-80 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-81 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-82 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-83 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-84 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-85 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-86 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-87 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-88 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-89 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-90 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-91 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-92 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-93 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-94 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-95 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-96 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-97 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-98 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-99 | 088113105 | 5 | | | | | | | | |
| CSO | BORE | MU-100 | 088113105 | 5 | | | | | | | | |

Field Sampling Remarks:

SEE REVERSE SIDE FOR INSTRUCTIONS
WHITE: PACE FILE YELLOW: PRIME CONTRACTOR PROJECT MANAGER PINK: PACE PROJECT MANAGER GOI D: RETAIN IN FIELD



| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTR | SAMPLE DEPTH | SURF TECH | PAGE NO. |
|-----------|-----------|---------|------------------|-----|--------------|-----------|-----------|
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 1st 2nd |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 3rd 4th |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 5th 6th |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 7th 8th |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 9th 10th |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 11th 12th |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 13th 14th |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 15th 16th |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 17th 18th |
| CSO | BORE | A08-1 | 08B110102 | S | 2' | G | 19th 20th |

[illegible]

→ 1726798393

SEE REVERSE SIDE FOR INSTRUCTIONS



Installation

WB

Prime Contractor

CV

Sample Program

BEI

Sampled By (PRINT):

Keith Schenkel

Sampler Signature

Date Sampled

retrieval step

NO. OF CONTAINERS

PAGE NO.

LABORATORY REMARKS

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTRY | SAMPLE DEPTH | SHPL TECH | PAGE NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT | TOTAL CONT | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME |
|-----------|-----------|---------|------------------|------|--------------|-----------|----------|----------------|------------------------|------------|-------------------------------|---------|------|---------------------------|---------|------|
| CGW | WELL | A23-1 | 08MW1301 | W | 100 | B | 3 | 1 | 3 | 3 | Keith Schenkel / TEIC | 5/17/94 | 1830 | Fed Ex | 5/17/94 | 1930 |
| CGW | WELL | A23-1 | 08MW1302 | W | 100 | B | 3 | 1 | 3 | 3 | | | | | | |
| CGW | WELL | A23-1 | 08MW1301 | W | 100 | B | 3 | 1 | 3 | 3 | | | | | | |
| CGW | WELL | A23-1 | 08MW1302 | W | 100 | B | 3 | 1 | 3 | 3 | | | | | | |
| CGW | WELL | A23-2 | 08MW1401 | W | 100 | B | 3 | 1 | 3 | 3 | | | | | | |
| CGW | WELL | A23-2 | 08MW1401 | W | 100 | B | 3 | 1 | 3 | 3 | | | | | | |
| CGW | WELL | A23-2 | 08MW1401 | W | 100 | B | 3 | 1 | 3 | 3 | | | | | | |
| CGW | WELL | A23-2 | 08MW1402 | W | 100 | B | 3 | 1 | 3 | 3 | | | | | | |

Field Sampling Remarks:

SEE REVERSE SIDE FOR INSTRUCTIONS

WHITE: PACE FILE; YELLOW: PRIME CONTRACTOR; PROJECT MANAGER; PINK: PACE, PROJECT MANAGER; GOLD: RETAIN IN FIELD



USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

U-01371

Installation **WB**

Prime Contractor **EY**

Sample Program **BGI**

Sampled By (PRINT): **Keith Schenkel**

Sampler Signature *Keith Schenkel*

Date Sampled **5/17/14**

Report To:

(000) 400-0000 to Miss Bill Tompkins

Bill Tompkins

Bill Tompkins

931976-03

Pace Project No.

Pace Client No.

Bill Schenkel

Pace Project Manager

Pace Project No.

LABORATORY REMARKS

EXPLOSIVES H2O

EXPLOSIVES SOIL

EXPLOSIVES H2O

EXPLOSIVES SOIL

EXPLOSIVES H2O

EXPLOSIVES SOIL

EXPLOSIVES H2O

EXPLOSIVES SOIL

EXPLOSIVES H2O

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EXPLOSIVES H2O

EXPLOSIVES SOIL

EXPLOSIVES H2O

EXPLOSIVES SOIL

EXPLOSIVES H2O

EXPLOSIVES SOIL

EXPLOSIVES H2O

FILE NAME

SITE TYPE

SITE ID

FIELD SAMPLE NO.

NO. OF COOLERS

NO. OF COOLERS

NO. OF COOLERS

NO. OF COOLERS

NO. OF COOLERS

NO. OF COOLERS

NO. OF COOLERS

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NO. OF COOLERS

NO. OF COOLERS

NO. OF COOLERS

NO. OF COOLERS

SHIPPING AIRBILL NO.

1726798581

Field Sampling Remarks:

12 Keith Schenkel / TETC 5/17/14 1830 Fed EX

5/17/14 1830

5/17/14 1830

5/17/14 1830

5/17/14 1830

5/17/14 1830

5/17/14 1830

5/17/14 1830

5/17/14 1830

5/17/14 1830

SEE REVERSE SIDE FOR INSTRUCTIONS

WHITE; PACE FILE; YELLOW; PRIME CONTRACTOR PROJECT MANAGED



Report To:

Instructions for completion (again) of Custody (COC)

Pace Client No.

Bill Scruton
Pace Project Manager

P.O. # / Billing Reference **931976-03**

RESERVATIVES

Definition

Date Sampled

Filed
April 18/95 by the clerk

[illegible]

SEE REVERSE SIDE FOR INSTRUCTIONS

[illegible]



USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

WB

Report To:

Y
U

10

(2002) ybotar") to give Bill Totten letters of appreciation.

3E1

931976-03

Pace Project Nat

Sampled By (PRINT):

Schenkel

Date Sampled

and sign their ~~names~~ Witnessed by the clerk of 11-2

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTR | SAMPLE DEPTH | SUPL TECH | PAGE NO. |
|-----------|-----------|----------------------|------------------|-----|--------------|-----------|----------|
| CSO | BORE | A08-4 | 08BH0102 | S | 2.16 | IG | 1 |
| CSO | BORE | AMARUJA A08BH0101 | 08BH0101 | W | 2.16 | IG | 2 |
| CSW | FBLK | WRFVADCO | RB16 | W | 2.16 | IG | 3 |
| | | ni 21600 | IA' technical | | 2.16 | IG | 4 |
| | | | | | 2.16 | IG | 5 |
| | | | | | 2.16 | IG | 6 |
| | | | | | 2.16 | IG | 7 |
| | | | | | 2.16 | IG | 8 |
| | | | | | 2.16 | IG | 9 |
| | | | | | 2.16 | IG | 10 |
| | | | | | 2.16 | IG | 11 |
| | | | | | 2.16 | IG | 12 |
| | | | | | 2.16 | IG | 13 |
| | | | | | 2.16 | IG | 14 |
| | | | | | 2.16 | IG | 15 |
| | | | | | 2.16 | IG | 16 |
| | | | | | 2.16 | IG | 17 |
| | | | | | 2.16 | IG | 18 |
| | | | | | 2.16 | IG | 19 |
| | | | | | 2.16 | IG | 20 |
| | | | | | 2.16 | IG | 21 |
| | | | | | 2.16 | IG | 22 |
| | | | | | 2.16 | IG | 23 |
| | | | | | 2.16 | IG | 24 |
| | | | | | 2.16 | IG | 25 |
| | | | | | 2.16 | IG | 26 |
| | | | | | 2.16 | IG | 27 |
| | | | | | 2.16 | IG | 28 |
| | | | | | 2.16 | IG | 29 |
| | | | | | 2.16 | IG | 30 |
| | | | | | 2.16 | IG | 31 |
| | | | | | 2.16 | IG | 32 |
| | | | | | 2.16 | IG | 33 |
| | | | | | 2.16 | IG | 34 |
| | | | | | 2.16 | IG | 35 |
| | | | | | 2.16 | IG | 36 |
| | | | | | 2.16 | IG | 37 |
| | | | | | 2.16 | IG | 38 |
| | | | | | 2.16 | IG | 39 |
| | | | | | 2.16 | IG | 40 |
| | | | | | 2.16 | IG | 41 |
| | | | | | 2.16 | IG | 42 |
| | | | | | 2.16 | IG | 43 |
| | | | | | 2.16 | IG | 44 |
| | | | | | 2.16 | IG | 45 |
| | | | | | 2.16 | IG | 46 |
| | | | | | 2.16 | IG | 47 |
| | | | | | 2.16 | IG | 48 |
| | | | | | 2.16 | IG | 49 |
| | | | | | 2.16 | IG | 50 |
| | | | | | 2.16 | IG | 51 |
| | | | | | 2.16 | IG | 52 |
| | | | | | 2.16 | IG | 53 |
| | | | | | 2.16 | IG | 54 |
| | | | | | 2.16 | IG | 55 |
| | | | | | 2.16 | IG | 56 |
| | | | | | 2.16 | IG | 57 |
| | | | | | 2.16 | IG | 58 |
| | | | | | 2.16 | IG | 59 |
| | | | | | 2.16 | IG | 60 |
| | | | | | 2.16 | IG | 61 |
| | | | | | 2.16 | IG | 62 |
| | | | | | 2.16 | IG | 63 |
| | | | | | 2.16 | IG | 64 |
| | | | | | 2.16 | IG | 65 |
| | | | | | 2.16 | IG | 66 |
| | | | | | 2.16 | IG | 67 |
| | | | | | 2.16 | IG | 68 |
| | | | | | 2.16 | IG | 69 |
| | | | | | 2.16 | IG | 70 |
| | | | | | 2.16 | IG | 71 |
| | | | | | 2.16 | IG | 72 |
| | | | | | 2.16 | IG | 73 |
| | | | | | 2.16 | IG | 74 |
| | | | | | 2.16 | IG | 75 |
| | | | | | 2.16 | IG | 76 |
| | | | | | 2.16 | IG | 77 |
| | | | | | 2.16 | IG | 78 |
| | | | | | 2.16 | IG | 79 |
| | | | | | 2.16 | IG | 80 |
| | | | | | 2.16 | IG | 81 |
| | | | | | 2.16 | IG | 82 |
| | | | | | | | |

| | | |
|------------|---|---|
| 1726798570 | 1 | 3 |
|------------|---|---|

Field Sampling Remarks:

[illegible]

SEE REVERSE SIDE FOR INSTRUCTIONS

WHITE: SPACE CHIEF; VERMILION: PRIME CONTRACTOR; PROJECT: MANAGER; PINK: PACE PROJECT MANAGER; GOLD: RETAIN-IN FIELD



Installation **WB**

Prime Contractor **EV**

Sample Program **BEI**

Sampled By (PRINT): **Keith Schenkel**

Sampler Signature **Keith Schenkel**

Date Sampled **02/21/94**

Field Sample No. **23mm1401**

Site ID **WELL A23-2**

File Name **FWLK WREVA00**

Site Type **FWLK**

Shipping Airbill No. **1726798566**

No. of Coolers **1**

No. of COC in Shipment **1**

Shipping Date **5/21/94**

Time **1045**

Accepted By / Affiliation **Ex**

Relinquished By / Affiliation **Ex**

Date **5/21/94**

Time **1045**

Accepted By / Affiliation **Ex**

Relinquished By / Affiliation **Ex**

Date **5/21/94**

Time **1045**

Accepted By / Affiliation **Ex**

Relinquished By / Affiliation **Ex**

Date **5/21/94**

Time **1045**

Accepted By / Affiliation **Ex**

Relinquished By / Affiliation **Ex**

Date **5/21/94**

USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request



U-1132

USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

Pace Client No.

Pace Project Manager **Bill Seruton**

Pace Project No.

Pace Project No. **931976-03**

Pace Project No. **931976-03**

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Pace Project No. **931976-03**



U-1132

USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

Pace Client No.

Pace Project Manager **Bill Seruton**

Pace Project No.

Pace Project No. **931976-03**

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Pace Project No. **931976-03**



U-1132

USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

Pace Client No.

Pace Project Manager **Bill Seruton**

Pace Project No.

Pace Project No. **931976-03**

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Pace Project No. **931976-03**

Pace Project No. **931976-03**

Pace Project No. **931976-03**



Installation

Prime Contractor

Sample Program

Sampled By (PRINT):

Sampler Signature

Date Sampled

FIELD SIGNATURE

1726718533 3-2-95

FILE NAME SITE TYPE SITE ID FIELD SAMPLE NO. MTRX SAMPLE DEPTH SVPL TECH PACE NO.

CG10 TRIP VATER TB3295 W 1 G 1726718533

NO. OF COOLERS NO. OF COC IN SHIPMENT TOTAL CONT

2 4 2

SHIPPING AIRBILL NO.

1726718533

Field Sampling Remarks:

1726718533

1726718533

1726718533

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1726718533

1726718533

Report To:

Bill To:

P.O. # / Billing Reference

Pace Project No.

Pace Client No.

Pace Project Manager

USATHAMA

CHAIN-OF-CUSTODY RECORD (COC)

Analytical Request

U-01126

SEE REVERSE SIDE FOR INSTRUCTIONS

PACE PROJECT MANAGER

PACE PROJECT MANAGER

PACE PROJECT MANAGER

PACE PROJECT MANAGER

PACE PROJECT MANAGER



Installation

Prime Contractor

Sample Program

Sampled By (PRINT):

Sampler Signature

Date Sampled

1/17/14 TAPPA

3/3/95

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTRX | SAMPLE DEPTH | SPCL TECH | PACE NO. |
|-----------|-----------|---------|------------------|------|--------------|-----------|----------|
| CSO | PORE | M1039 | 14MW4102 | S | 4' | B | 14MW4102 |
| | PORE | M1039 | 14MW4102 | S | 4' | C | 14MW4102 |
| | PORE | M1039 | 14MW4102 | S | 4' | C | 14MW4102 |
| | PORE | M1041 | 14MW4102 | S | 2' | C | 14MW4102 |
| | PORE | M1041 | 14MW4102 | S | 2' | C | 14MW4102 |
| | PORE | M1041 | 14MW4102 | S | 2' | C | 14MW4102 |
| CSWTRIP | ADICQ | ADICQ | FB3395 | W | - | G | FB3395 |
| | FBK | ADICQ | FB3395 | W | - | G | FB3395 |
| | FBK | ADICQ | FB3395 | W | - | G | FB3395 |

| SHIPPING AIRBILL NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT | TOTAL CONT |
|----------------------|----------------|------------------------|------------|
| 172679511 | 1 | 2 | 15 |

Field Sampling Remarks:

Report To:

Bill To:

P.O. # / Billing Reference

PRESERVATIVES

UNPRESERVED

H₂SO₄

HNO₃

HCl

NaOH

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

Pace Client No.

Pace Project Manager

Pace Project No.

LABORATORY REMARKS

EXPLOSIVES H₂O

EXPLOSIVES SOIL

TCRP SW1311

KY04 CYANIDE

JC02 METALS FIAA

JB06 MERCURY CVA4

JS14 METALS ICP

LH20 HERB GC/ECD

LH19 OCP GC/ECD

LM06 BNA GC/MS

LP01 VOA GC/PID

LG03 VOA GC/HALL

LM05 VOA GC/MS

TF15 ORTHO PO₄

TT11 TOTAL PO₄

TT12 ANIONS-IC

TPH 418.1

TY03 CYANIDE

SD08 METALS GFAA

SB07 MERCURY CVA4

SS15 METALS ICP

UH22 HERB GC/ECD

UH21 OCP GC/ECD

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

NO

SEE REVERSE SIDE FOR INSTRUCTIONS



U- 01140
USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

Installation

Prime Contractor

Sample Program

Sampled By (PRINT):

Sampler Signature

Date Sampled

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTRX | SAMPLE SVPL DEPTH | PAGE NO. |
|-----------|-----------|------------------------|------------------|------|-------------------|----------|
| CGW | WELL | AW-39 MW-39 | 38 MW-39 | W | 0.0 | 101 |
| | | MW-39 | | W | 1 | 102 |
| | | MW-39 | | W | 2 | 103 |
| | | MW-39 | | W | 3 | 104 |
| | | MW-39 | | W | 4 | 105 |
| | | MW-40 | 38 MW-40 | W | 1 | 106 |
| | | MW-40 | | W | 2 | 107 |
| | | MW-40 | | W | 3 | 108 |
| | | MW-40 | | W | 4 | 109 |
| | | MW-40 | | W | 5 | 110 |

| SHIPPING AIRBILL NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT |
|----------------------|----------------|------------------------|
| 1726772485 | 2 | 2 |

Field Sampling Remarks:

Report To:

Bill To:

P.O. # / Billing Reference

..Pace Project No.

Pace Project Manager

..Pace Project No.

[illegible]

SEE REVERSE SIDE FOR INSTRUCTIONS

UNITE, PAGE 11 P. VET OWN. PRIME CONTRACTOR PROJECT MANAGED. DINK. PAGE PROJECT MANAGED. CON. RETAIN IN FIELD

Installation

Prime Contractor

Sample Program

Sampled By (PRINT):

| | | |
|---------------------|----------------|--------------|
| Sampled By (PRINT): | LEATHY JAN 16A | Date Sampled |
| Sampler Signature | | |

Sampler Signature

Date Sampled _____

46-113-95

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTRX | SAMPLE DEPTH | SVPL TECH | PAGE NO. |
|-----------|-----------|---------|------------------|------|--------------|-----------|----------|
| CGW | WELL | MW-37 | 08MW3701 | W | 0.0 | B | 1 |
| | | | | | 0.0 | B | 2 |
| | | | | | 0.0 | B | 3 |
| | | | | | 0.0 | B | 4 |
| | | | | | 0.0 | B | 5 |
| | | | | | 0.0 | B | 6 |
| | | | | | 0.0 | B | 7 |
| | | | | | 0.0 | B | 8 |
| | | | | | 0.0 | B | 9 |
| | | | | | 0.0 | B | 10 |
| | | | | | 0.0 | B | 11 |
| | | | | | 0.0 | B | 12 |
| | | | | | 0.0 | B | 13 |
| | | | | | 0.0 | B | 14 |
| | | | | | 0.0 | B | 15 |
| | | | | | 0.0 | B | 16 |
| | | | | | 0.0 | B | 17 |
| | | | | | 0.0 | B | 18 |
| | | | | | 0.0 | B | 19 |
| | | | | | 0.0 | B | 20 |
| | | | | | 0.0 | B | 21 |
| | | | | | 0.0 | B | 22 |
| | | | | | 0.0 | B | 23 |
| | | | | | 0.0 | B | 24 |
| | | | | | 0.0 | B | 25 |
| | | | | | 0.0 | B | 26 |
| | | | | | 0.0 | B | 27 |
| | | | | | 0.0 | B | 28 |
| | | | | | 0.0 | B | 29 |
| | | | | | 0.0 | B | 30 |
| | | | | | 0.0 | B | 31 |
| | | | | | 0.0 | B | 32 |
| | | | | | 0.0 | B | 33 |
| | | | | | 0.0 | B | 34 |
| | | | | | 0.0 | B | 35 |
| | | | | | 0.0 | B | 36 |
| | | | | | 0.0 | B | 37 |
| | | | | | 0.0 | B | 38 |
| | | | | | 0.0 | B | 39 |
| | | | | | 0.0 | B | 40 |
| | | | | | 0.0 | B | 41 |
| | | | | | 0.0 | B | 42 |
| | | | | | 0.0 | B | 43 |
| | | | | | 0.0 | B | 44 |
| | | | | | 0.0 | B | 45 |
| | | | | | 0.0 | B | 46 |
| | | | | | 0.0 | B | 47 |
| | | | | | 0.0 | B | 48 |
| | | | | | 0.0 | B | 49 |
| | | | | | 0.0 | B | 50 |
| | | | | | 0.0 | B | 51 |
| | | | | | 0.0 | B | 52 |
| | | | | | 0.0 | B | 53 |
| | | | | | 0.0 | B | 54 |
| | | | | | 0.0 | B | 55 |
| | | | | | 0.0 | B | 56 |
| | | | | | 0.0 | B | 57 |
| | | | | | 0.0 | B | 58 |
| | | | | | 0.0 | B | 59 |
| | | | | | 0.0 | B | 60 |
| | | | | | 0.0 | B | 61 |
| | | | | | 0.0 | B | 62 |
| | | | | | 0.0 | B | 63 |
| | | | | | 0.0 | B | 64 |
| | | | | | 0.0 | B | 65 |
| | | | | | 0.0 | B | 66 |
| | | | | | 0.0 | B | 67 |
| | | | | | 0.0 | B | 68 |
| | | | | | 0.0 | B | 69 |
| | | | | | 0.0 | B | 70 |
| | | | | | 0.0 | B | 71 |
| | | | | | 0.0 | B | 72 |
| | | | | | 0.0 | B | 73 |
| | | | | | 0.0 | B | 74 |
| | | | | | 0.0 | B | 75 |
| | | | | | 0.0 | B | 76 |
| | | | | | 0.0 | B | 77 |
| | | | | | 0.0 | B | 78 |
| | | | | | 0.0 | B | 79 |
| | | | | | 0.0 | B | 80 |
| | | | | | 0.0 | B | 81 |
| | | | | | 0.0 | B | 82 |
| | | | | | 0.0 | B | 83 |
| | | | | | 0.0 | B | 84 |
| | | | | | 0.0 | B | 85 |
| | | | | | 0.0 | B | 86 |
| | | | | | 0.0 | B | 87 |
| | | | | | 0.0 | B | 88 |
| | | | | | 0.0 | B | 89 |
| | | | | | 0.0 | B | 90 |
| | | | | | 0.0 | B | 91 |
| | | | | | 0.0 | B | 92 |
| | | | | | 0.0 | B | 93 |
| | | | | | 0.0 | B | 94 |
| | | | | | 0.0 | B | 95 |
| | | | | | 0.0 | B | 96 |
| | | | | | 0.0 | B | 97 |
| | | | | | 0.0 | B | 98 |
| | | | | | 0.0 | B | 99 |
| | | | | | 0.0 | B | 100 |

| SHIPPING AIRBILL NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT |
|----------------------|----------------|------------------------|
| 17767100 | 2 | 4 |

Field Sampling Remarks:



Installation

Prime Contractor

Sample Program

Sampled By (PRINT):

| | | |
|---------------------|----------------|--------------|
| Sampled By (PRINT): | LEATHY JAN 16A | Date Sampled |
| Sampler Signature | | |

Sampler Signature

Date Sampled _____

46-118-95

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTRX | SAMPLE DEPTH | SVPL TECH | PAGE NO. |
|-----------|-----------|---------|------------------|------|--------------|-----------|----------|
| CGW | WELL | MW-37 | 08MW3701 | W | 0.0 | B | 1 |
| | | | | | 0.0 | B | 2 |
| | | | | | 0.0 | B | 3 |
| | | | | | 0.0 | B | 4 |
| | | | | | 0.0 | B | 5 |
| | | | | | 0.0 | B | 6 |
| | | | | | 0.0 | B | 7 |
| | | | | | 0.0 | B | 8 |
| | | | | | 0.0 | B | 9 |
| | | | | | 0.0 | B | 10 |
| | | | | | 0.0 | B | 11 |
| | | | | | 0.0 | B | 12 |
| | | | | | 0.0 | B | 13 |
| | | | | | 0.0 | B | 14 |
| | | | | | 0.0 | B | 15 |
| | | | | | 0.0 | B | 16 |
| | | | | | 0.0 | B | 17 |
| | | | | | 0.0 | B | 18 |
| | | | | | 0.0 | B | 19 |
| | | | | | 0.0 | B | 20 |
| | | | | | 0.0 | B | 21 |
| | | | | | 0.0 | B | 22 |
| | | | | | 0.0 | B | 23 |
| | | | | | 0.0 | B | 24 |
| | | | | | 0.0 | B | 25 |
| | | | | | 0.0 | B | 26 |
| | | | | | 0.0 | B | 27 |
| | | | | | 0.0 | B | 28 |
| | | | | | 0.0 | B | 29 |
| | | | | | 0.0 | B | 30 |
| | | | | | 0.0 | B | 31 |
| | | | | | 0.0 | B | 32 |
| | | | | | 0.0 | B | 33 |
| | | | | | 0.0 | B | 34 |
| | | | | | 0.0 | B | 35 |
| | | | | | 0.0 | B | 36 |
| | | | | | 0.0 | B | 37 |
| | | | | | 0.0 | B | 38 |
| | | | | | 0.0 | B | 39 |
| | | | | | 0.0 | B | 40 |
| | | | | | 0.0 | B | 41 |
| | | | | | 0.0 | B | 42 |
| | | | | | 0.0 | B | 43 |
| | | | | | 0.0 | B | 44 |
| | | | | | 0.0 | B | 45 |
| | | | | | 0.0 | B | 46 |
| | | | | | 0.0 | B | 47 |
| | | | | | 0.0 | B | 48 |
| | | | | | 0.0 | B | 49 |
| | | | | | 0.0 | B | 50 |
| | | | | | 0.0 | B | 51 |
| | | | | | 0.0 | B | 52 |
| | | | | | 0.0 | B | 53 |
| | | | | | 0.0 | B | 54 |
| | | | | | 0.0 | B | 55 |
| | | | | | 0.0 | B | 56 |
| | | | | | 0.0 | B | 57 |
| | | | | | 0.0 | B | 58 |
| | | | | | 0.0 | B | 59 |
| | | | | | 0.0 | B | 60 |
| | | | | | 0.0 | B | 61 |
| | | | | | 0.0 | B | 62 |
| | | | | | 0.0 | B | 63 |
| | | | | | 0.0 | B | 64 |
| | | | | | 0.0 | B | 65 |
| | | | | | 0.0 | B | 66 |
| | | | | | 0.0 | B | 67 |
| | | | | | 0.0 | B | 68 |
| | | | | | 0.0 | B | 69 |
| | | | | | 0.0 | B | 70 |
| | | | | | 0.0 | B | 71 |
| | | | | | 0.0 | B | 72 |
| | | | | | 0.0 | B | 73 |
| | | | | | 0.0 | B | 74 |
| | | | | | 0.0 | B | 75 |
| | | | | | 0.0 | B | 76 |
| | | | | | 0.0 | B | 77 |
| | | | | | 0.0 | B | 78 |
| | | | | | 0.0 | B | 79 |
| | | | | | 0.0 | B | 80 |
| | | | | | 0.0 | B | 81 |
| | | | | | 0.0 | B | 82 |
| | | | | | 0.0 | B | 83 |
| | | | | | 0.0 | B | 84 |
| | | | | | 0.0 | B | 85 |
| | | | | | 0.0 | B | 86 |
| | | | | | 0.0 | B | 87 |
| | | | | | 0.0 | B | 88 |
| | | | | | 0.0 | B | 89 |
| | | | | | 0.0 | B | 90 |
| | | | | | 0.0 | B | 91 |
| | | | | | 0.0 | B | 92 |
| | | | | | 0.0 | B | 93 |
| | | | | | 0.0 | B | 94 |
| | | | | | 0.0 | B | 95 |
| | | | | | 0.0 | B | 96 |
| | | | | | 0.0 | B | 97 |
| | | | | | 0.0 | B | 98 |
| | | | | | 0.0 | B | 99 |
| | | | | | 0.0 | B | 100 |

| SHIPPING AIRBILL NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT |
|----------------------|----------------|------------------------|
| 17767100 | 2 | 4 |

Field Sampling Remarks:

USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request
U- 01142

Pace Client No.

Pace Project Manager

Pace Project No.

P.O. # / Billing Reference

Pace Project No.

[illegible]

SEE REVERSE SIDE FOR INSTRUCTIONS

UNITED STATES OF AMERICA
DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535



Installation

WB

Prime Contractor

FEY

Sample Program

BEI

Sampled By (PRINT):

KATHY JANIGA

Sampler Signature

Date Sampled

4-18-95

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | WTR | SAMPLE DEPTH | SVL TECH | PACE NO. |
|-----------|-----------|---------|------------------|-----|--------------|----------|----------|
| SEW | ↓ | 15 | MW-35 | 0.0 | 0.0 | B | 1 |
| CGW | ↓ | MW-36 | 0.0 | 0.0 | 0.0 | B | 1 |
| | ↓ | MW-36 | 0.0 | 0.0 | 0.0 | B | 1 |

UNPRESERVED
HNO₃
HCl
NaOH

NO. OF CONTAINERS

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

LABORATORY REMARKS

EXPLOSIVES SOIL

EXPLOSIVES H₂O

TCLP SW1311

KY04 CYANIDE

JC02 METALS PIAA

JB06 MERCURY CVA4

JS14 METALS ICP

UH20 HERB GC/ECD

UH19 OCP GC/ECD

LM06 BNA GC/MS

LP01 VOA GC/PID

LG03 VOA GC/HALL

LM05 VOA GC/MS

TF15 ORTHO PO₄

TY11 TOTAL PO₄

TT12 ANIONS-IC

TPH 418.1

TY03 CYANIDE

SD08 METALS GFAA

SB07 MERCURY CVA4

SS15 METALS ICP

UH22 HERB GC/ECD

UH21 OCP GC/ECD

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

TIME

DATE

ACCEPTED BY / AFFILIATION

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DATE

TIME

DATE

ACCEPTED BY / AFFILIATION

DATE

Field Sampling Remarks:

SEE REVERSE SIDE FOR INSTRUCTIONS

WHITE PAGE FILE YELLOW PRIME CONTRACTOR BODIEST MANAGER PINK PAGE BODIEST MANAGER GOLD RETAIN IN FIELD



Installation

Prime Contractor

Sample Program

Sampled By (PRINT):

Sampler Signature

Date Sampled

VATILY TANICA

4-18-95

WB

BEI

EY

Report To:

Bill To:

P.O. # / Billing Reference

Pace Project No.

Pace Project Manager

Pace Client No.

USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

U-01139

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTN | SAMPLE DEPTH | SAMPL TECH | PAGE NO. |
|-----------|-----------|---------|------------------|-----|--------------|------------|------------|
| CSO | CRAB | A33-3 | SS01 | S | 6" | G | 101-216-11 |
| CSO | | A33-1 | SS01 | S | 6" | G | |
| CSO | | A33-2 | SS02 | S | 6" | G | |
| CSO | | A33-3 | SS03 | S | 6" | G | |
| CSO | | A33-4 | SS04 | S | 6" | G | |

| NO. OF CONTAINERS | UNPRESERVED | H ₂ O ₂ | HNO ₃ | HCl | NaOH | UM05 VOA GC/MS | UG03 VOA GC/HALL | UP01 VOA GC/PID | UM06 BNA GC/MS | UH21 OCP GC/ECD | UH22 HERB GC/ECD | SS15 METALS ICP | SS15 METALS CVA | SD08 METALS GFAA | TY03 CYANIDE | TPH 418.1 | TT12 ANIONS-IC | TY11 TOTAL PO ₄ | TF15 ORTHO PO ₄ | LM05 VOA GC/MS | LG03 VOA GC/HALL | LP01 VOA GC/PID | LM06 BNA GC/MS | LM06 OCP GC/ECD | LH20 HERB GC/ECD | JS14 METALS ICP | JB06 MERCURY CVA | JC02 METALS FIAA | KY04 CYANIDE | TCLP SW1311 | EXPLOSIVES H ₂ O | EXPLOSIVES SOIL | LABORATORY REMARKS |
|-------------------|-------------|-------------------------------|------------------|-----|------|----------------|------------------|-----------------|----------------|-----------------|------------------|-----------------|-----------------|------------------|--------------|-----------|----------------|----------------------------|----------------------------|----------------|------------------|-----------------|----------------|-----------------|------------------|-----------------|------------------|------------------|--------------|-------------|-----------------------------|-----------------|--------------------|
| 1 | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| SHIPPING AIRBILL NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT | TOTAL CONT | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME |
|-------------------------|----------------|------------------------|------------|-------------------------------|---------|------|---------------------------|------|------|
| 11671-000 | 2 | 15 | 15 | | 4/18/95 | 1:00 | | | |
| Field Sampling Remarks: | | | | | | | | | |
| Results on 11671-000 | | | | | | | | | |
| by P. Bailey | | | | | | | | | |

SEE REVERSE SIDE FOR INSTRUCTIONS



USATHAMA
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

Installation

Report To:

Pace Client No.

Prime Contractor

Bill To:

Pace Project Manager

Sample Program

P.O. # / Billing Reference

Pace Project No.

Sampled By (PRINT):

Sampler Signature

Date Sampled

PRESERVATIVES

UNPRESERVED

H₂SO₄

HNO₃

HCl

NaOH

NO. OF CONTAINERS

LABORATORY REMARKS

EXPLOSIVES H₂O

EXPLOSIVES SOIL

TCLP SW1311

KY04 CYANIDE

JC02 METALS FIAA

JB06 MERCURY CVA4

JS14 METALS ICP

LH20 HERB GC/ECD

LH19 OCP GC/ECD

LM06 BNA GC/MS

LP01 VOA GC/PID

LG03 VOA GC/HALL

LM05 VOA GC/MS

TF15 ORTHO PO₄

TY11 TOTAL PO₄

TT12 ANIONS-IC

TPH 418.1

TY03 CYANIDE

SD08 METALS GFAA

SB07 MERCURY CVA4

SS15 METALS ICP

UH22 HERB GC/ECD

UH21 OCP GC/ECD

UM06 BNA GC/MS

UP01 VOA GC/PID

UG03 VOA GC/HALL

UM05 VOA GC/MS

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

TOTAL CONT

NO. OF COOLERS

NO. OF COC IN SHIPMENT

SHIPPING AIRBILL NO.

Field Sampling Remarks:

SEE REVERSE SIDE FOR INSTRUCTIONS



118

74

11

Sampled By (PRINT):

JANIGA

Sampler Signature

Date Sampled

4-20-95

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | MTRX | SAMPLE DEPTH | SPL TECH | PAGE NO. |
|-----------|-----------|---------|------------------|------|--------------|----------|----------|
| CGW | WELL | M10-32D | 88MW32DZ | W | 0.0 | B | 1002 MCH |
| | FBLK | VADEQ | RB42095 | W | 0.0 | B | 1003 MCH |
| | | | | W | 0.0 | B | 1004 MCH |
| | | | | W | 0.0 | B | 1005 MCH |
| | | | | W | 0.0 | B | 1006 MCH |
| | | | | W | 0.0 | B | 1007 MCH |
| | | | | W | 0.0 | B | 1008 MCH |
| | | | | W | 0.0 | B | 1009 MCH |
| | | | | W | 0.0 | B | 1010 MCH |
| | | | | W | 0.0 | B | 1011 MCH |
| | | | | W | 0.0 | B | 1012 MCH |
| | | | | W | 0.0 | B | 1013 MCH |
| | | | | W | 0.0 | B | 1014 MCH |
| | | | | W | 0.0 | B | 1015 MCH |
| | | | | W | 0.0 | B | 1016 MCH |
| | | | | W | 0.0 | B | 1017 MCH |
| | | | | W | 0.0 | B | 1018 MCH |
| | | | | W | 0.0 | B | 1019 MCH |
| | | | | W | 0.0 | B | 1020 MCH |
| | | | | W | 0.0 | B | 1021 MCH |
| | | | | W | 0.0 | B | 1022 MCH |
| | | | | W | 0.0 | B | 1023 MCH |
| | | | | W | 0.0 | B | 1024 MCH |
| | | | | W | 0.0 | B | 1025 MCH |
| | | | | W | 0.0 | B | 1026 MCH |
| | | | | W | 0.0 | B | 1027 MCH |
| | | | | W | 0.0 | B | 1028 MCH |
| | | | | W | 0.0 | B | 1029 MCH |
| | | | | W | 0.0 | B | 1030 MCH |
| | | | | W | 0.0 | B | 1031 MCH |
| | | | | W | 0.0 | B | 1032 MCH |
| | | | | W | 0.0 | B | 1033 MCH |
| | | | | W | 0.0 | B | 1034 MCH |
| | | | | W | 0.0 | B | 1035 MCH |
| | | | | W | 0.0 | B | 1036 MCH |
| | | | | W | 0.0 | B | 1037 MCH |
| | | | | W | 0.0 | B | 1038 MCH |
| | | | | W | 0.0 | B | 1039 MCH |
| | | | | W | 0.0 | B | 1040 MCH |
| | | | | W | 0.0 | B | 1041 MCH |
| | | | | W | 0.0 | B | 1042 MCH |
| | | | | W | 0.0 | B | 1043 MCH |
| | | | | W | 0.0 | B | 1044 MCH |
| | | | | W | 0.0 | B | 1045 MCH |
| | | | | W | 0.0 | B | 1046 MCH |
| | | | | W | 0.0 | B | 1047 MCH |
| | | | | W | 0.0 | B | 1048 MCH |
| | | | | W | 0.0 | B | 1049 MCH |
| | | | | W | 0.0 | B | 1050 MCH |
| | | | | W | 0.0 | B | 1051 MCH |
| | | | | W | 0.0 | B | 1052 MCH |
| | | | | W | 0.0 | B | 1053 MCH |
| | | | | W | 0.0 | B | 1054 MCH |
| | | | | W | 0.0 | B | 1055 MCH |
| | | | | W | 0.0 | B | 1056 MCH |
| | | | | W | 0.0 | B | 1057 MCH |
| | | | | W | 0.0 | B | 1058 MCH |
| | | | | W | 0.0 | B | 1059 MCH |
| | | | | W | 0.0 | B | 1060 MCH |
| | | | | W | 0.0 | B | 1061 MCH |
| | | | | W | 0.0 | B | 1062 MCH |
| | | | | W | 0.0 | B | 1063 MCH |
| | | | | W | 0.0 | B | 1064 MCH |
| | | | | W | 0.0 | B | 1065 MCH |
| | | | | W | 0.0 | B | 1066 MCH |
| | | | | W | 0.0 | B | 1067 MCH |
| | | | | W | 0.0 | B | 1068 MCH |
| | | | | W | 0.0 | B | 1069 MCH |
| | | | | W | 0.0 | B | 1070 MCH |
| | | | | W | 0.0 | B | 1071 MCH |
| | | | | W | 0.0 | B | 1072 MCH |
| | | | | W | 0.0 | B | 1073 MCH |
| | | | | W | 0.0 | B | 1074 MCH |
| | | | | W | 0.0 | B | 1075 MCH |
| | | | | W | 0.0 | B | 1076 MCH |
| | | | | W | 0.0 | B | 1077 MCH |
| | | | | W | 0.0 | B | 1078 MCH |
| | | | | W | 0.0 | B | 1079 MCH |
| | | | | W | 0.0 | B | 1080 MCH |
| | | | | W | 0.0 | B | 1081 MCH |
| | | | | W | 0.0 | B | 1082 MCH |
| | | | | W | 0.0 | B | 1083 MCH |
| | | | | W | 0.0 | B | 1084 MCH |
| | | | | W | 0.0 | B | 1085 MCH |
| | | | | W | 0.0 | B | 1086 MCH |
| | | | | W | 0.0 | B | 1087 MCH |
| | | | | W | 0.0 | B | 1088 MCH |
| | | | | W | 0.0 | B | 1089 MCH |
| | | | | W | 0.0 | B | 1090 MCH |
| | | | | W | 0.0 | B | 1091 MCH |
| | | | | W | 0.0 | B | 1092 MCH |
| | | | | W | 0.0 | B | 1093 MCH |
| | | | | W | 0.0 | B | 1094 MCH |
| | | | | W | 0.0 | B | 1095 MCH |
| | | | | W | 0.0 | B | 1096 MCH |
| | | | | W | 0.0 | B | 1097 MCH |
| | | | | W | 0.0 | B | 1098 MCH |
| | | | | W | 0.0 | B | 1099 MCH |
| | | | | W | 0.0 | B | 1100 MCH |

[illegible]

SEE REVERSE SIDE FOR INSTRUCTIONS

Field Sampling Remarks:



USAEC
CHAIN-OF-CUSTODY RECORD (COC)
Analytical Request

U-00028

Installation

WB

Prime Contractor

EEI

Sample Program

BEI

Report To:

Bill To:

Pace Project Manager

P.O. # / Billing Reference

Pace Project No.

Sampled By (PRINT):

KATHY JANIGA

Sampler Signature

Date Sampled

4-21-95

| FILE NAME | SITE TYPE | SITE ID | FIELD SAMPLE NO. | WTRX | SAMPLE DEPTH | TECH | PACE NO. |
|-----------|-----------|---------------|------------------|------|--------------|------|----------|
| CGW WELL | ↓ | MW-33 | 08MW3302W | ↓ | 0.0 | B | |
| WELL | ↓ | MW-34 | 08MW3402W | ↓ | 0.0 | B | |
| TRIP | ↓ | VADEQ TB42195 | W | ↓ | | | |

| UNPRESERVED | H ₂ O ₂ | HNO ₃ | HCl | NaOH |
|-------------|-------------------------------|------------------|-----|------|
| 1 | X | | | |
| 1 | | X | | |
| 3 | | X | | |
| 2 | | | X | |
| 1 | | X | | |
| 1 | | X | | |
| 1 | | | X | |
| 2 | | X | | |

| NO. OF CONTAINERS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME |
|-------------------|-------------------------------|---------|------|---------------------------|---------|------|
| 12 | K. Janiga | 4/21/95 | 1:30 | IFD | 4/21/95 | |

LABORATORY REMARKS

| SHIPPING AIRBILL NO. | NO. OF COOLERS | NO. OF COC IN SHIPMENT | TOTAL CONT. |
|----------------------|----------------|------------------------|-------------|
| 1726714415 | 2 | 4 | 12 |

Field Sampling Remarks:

SEE REVERSE SIDE FOR INSTRUCTIONS

WHITE: PACE FILE YELLOW: PRIME CONTRACTOR PROJECT MANAGER PINK: PACE PROJECT MANAGER GOLD: CERTAIN FIELD



Installation

Prime Contractor

Sample Program

Sampled By (PRINT):

Sampler Signature

Date Sampled

FILE NAME

SITE TYPE

SITE ID

FIELD SAMPLE NO.

MTRX

SAMPLE SUPPLY DEPTH

TECH

PACE NO.

PRESERVATIVES

UNPRESERVED

H₂SO₄

HNO₃

HCl

NaOH

NO. OF CONTAINERS

LABORATORY REMARKS

SHIPPING AIRBILL NO.

NO. OF COOLERS

NO. OF COC IN SHIPMENT

TOTAL CONT.

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

Field Sampling Remarks:

SEE REVERSE SIDE FOR INSTRUCTIONS

WHITE: PACE FILE YELLOW: PRIME CONTRACTOR PROJECT MANAGER

PINK: PACE PROJECT MANAGER

GRAY: DETAIN IN FIELD

U-00029

USAEC
CHAIN-OF-CUSTODY RECORD (COC)

Analytical Request

Pace Client No.

Pace Project Manager

Pace Project No.

Report To:

Bill To:

P.O. # / Billing Reference

164789

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client EARTH TECT

Address _____

Report To: _____

Pace Client No. _____

Bill To: _____

Pace Project Manager _____

P.O. # / Billing Reference _____

Pace Project No. _____

Phone (727) 547-1725

*Requested Due Date: _____

Sampled By (PRINT): _____

Sampler Signature [Signature] Date Sampled 5-1-95

Project Name / No. _____

| ITEM NO. | SAMPLE DESCRIPTION | TIME | MATRIX | PACE NO. | PRESERVATIVES | | | | | ANALYSES REQUEST | REMARKS | |
|----------|--------------------|------|--------|----------|---------------|--------------------------------|------------------|-----|-----|------------------|---------|------|
| | | | | | UNPRESERVED | H ₂ SO ₄ | HNO ₃ | VOA | HCl | | | ACID |
| 1 | TANKS | 1-01 | | | 3 | | | X | | X | | |
| 2 | | 1-01 | | | 4 | X | | | | X | X | |
| 3 | | 1-01 | | | 1 | | X | | | X | X | |
| 4 | | 1-01 | | | 1 | | | X | | | | |
| 5 | | 1-01 | | | 1 | X | | | | | | |
| 6 | TB5195 | 1-01 | | | 2 | | X | | | | | |
| 7 | TANKS | 1-01 | | | | | | | | | | |
| 8 | | | | | | | | | | | | |

| COOLER NOS. | BAILERS | SHIPMENT METHOD | OUT DATE | RETURNED DATE | ITEM NUMBER | RELINQUISHED BY / AFFILIATION | ACCEPTED BY / AFFILIATION | DATE | TIME |
|-------------|---------|-----------------|----------|---------------|-------------|-------------------------------|---------------------------|--------|------|
| 1 | | | | | | 211670535 | FED EX | 5/1/95 | 1705 |

Additional Comments

NOT FOR DTD IN 120-115
TALS NOT NEEDED

SEE REVERSE SIDE FOR INSTRUCTIONS

A P P E N D I X G-1

ANALYTICAL METHODS AND CRLS

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLS FOR SOIL

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|---------------|------------------|-------------------------------|--------|-------|--------|
| JS14 | METALS/SOIL/ICP | Aluminum | SO | µg/g | 10.7 |
| | METALS/SOIL/ICP | Barium | SO | µg/g | 5.42 |
| | METALS/SOIL/ICP | Beryllium | SO | µg/g | 0.25 |
| | METALS/SOIL/ICP | Calcium | SO | µg/g | 118 |
| | METALS/SOIL/ICP | Cadmium | SO | µg/g | 1.0 |
| | METALS/SOIL/ICP | Cobalt | SO | µg/g | 2.5 |
| | METALS/SOIL/ICP | Chromium | SO | µg/g | 1.0 |
| | METALS/SOIL/ICP | Copper | SO | µg/g | 3.77 |
| | METALS/SOIL/ICP | Iron | SO | µg/g | 12.0 |
| | METALS/SOIL/ICP | Potassium | SO | µg/g | 142.0 |
| | METALS/SOIL/ICP | Magnesium | SO | µg/g | 138.0 |
| | METALS/SOIL/ICP | Manganese | SO | µg/g | 0.5 |
| | METALS/SOIL/ICP | Molybdenum | SO | µg/g | 4.0 |
| | METALS/SOIL/ICP | Sodium | SO | µg/g | 50.0 |
| | METALS/SOIL/ICP | Nickel | SO | µg/g | 7.5 |
| | METALS/SOIL/ICP | Lead | SO | µg/g | 10.0 |
| | METALS/SOIL/ICP | Antimony | SO | µg/g | 82.9 |
| | METALS/SOIL/ICP | Selenium | SO | µg/g | 18.8 |
| | METALS/SOIL/ICP | Thallium | SO | µg/g | 12.5 |
| | METALS/SOIL/ICP | Vanadium | SO | µg/g | 2.0 |
| | METALS/SOIL/ICP | Zinc | SO | µg/g | 4.0 |
| | METALS/SOIL/ICP | Arsenic | SO | µg/g | 12.7 |
| LH19 | ORGANIC/SOIL/ECD | α-Benzene Hexachloride | SO | µg/g | 0.0225 |
| | ORGANIC/SOIL/ECD | α-Chlordane | SO | µg/g | 0.0040 |
| | ORGANIC/SOIL/ECD | Endosulfan I | SO | µg/g | 0.0047 |
| | ORGANIC/SOIL/ECD | Aldrin | SO | µg/g | 0.0130 |
| | ORGANIC/SOIL/ECD | β-Benzenhexachloride | SO | µg/g | 0.0054 |
| | ORGANIC/SOIL/ECD | Endosulfan II | SO | µg/g | 0.0071 |
| | ORGANIC/SOIL/ECD | Decachlorobiphenyl | SO | µg/g | 0.0069 |
| | ORGANIC/SOIL/ECD | 2,4,5,6-Tetrachlorometaxylene | SO | µg/g | 0.0071 |

TABLE G-1
PAGE, INCORPORATED ANALYTICAL METHODS AND CRLS FOR SOIL

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|-------------------------|---|--------|-------|--------|
| LH19 (Cont.) | ORGANIC/SOIL/ECD | Δ-Benzenehexachloride | SO | μg/g | 0.0228 |
| | ORGANIC/SOIL/ECD | Dieldrin | SO | μg/g | 0.0078 |
| | ORGANIC/SOIL/ECD | Endrin | SO | μg/g | 0.0111 |
| | ORGANIC/SOIL/ECD | Endrin Aldehyde | SO | μg/g | 0.0276 |
| | ORGANIC/SOIL/ECD | Endrin Ketone | SO | μg/g | 0.0061 |
| | ORGANIC/SOIL/ECD | Endosulfan Sulfate | SO | μg/g | 0.0130 |
| | ORGANIC/SOIL/ECD | γ-Chlordane | SO | μg/g | 0.0214 |
| | ORGANIC/SOIL/ECD | Heptachlor | SO | μg/g | 0.0096 |
| | ORGANIC/SOIL/ECD | Heptachlor Epoxide | SO | μg/g | 0.0039 |
| | ORGANIC/SOIL/ECD | Lindane | SO | μg/g | 0.0200 |
| | ORGANIC/SOIL/ECD | Methoxychlor | SO | μg/g | 0.211 |
| | ORGANIC/SOIL/ECD | ppDDD | SO | μg/g | 0.0112 |
| | ORGANIC/SOIL/ECD | 2,2-Bis(p-chlorophenyl)-1,1-dichloroethene | SO | μg/g | 0.0142 |
| | ORGANIC/SOIL/ECD | 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane | SO | μg/g | 0.0096 |
| | ORGANIC/SOIL/ECD | Toxaphene | SO | μg/g | 0.250 |
| | ORGANIC/SOIL/ECD | PCB-1016 | SO | μg/g | 0.0500 |
| | ORGANIC/SOIL/ECD | PCB-1221 | SO | μg/g | 0.0500 |
| | ORGANIC/SOIL/ECD | PCB-1232 | SO | μg/g | 0.0500 |
| | ORGANIC/SOIL/ECD | PCB-1242 | SO | μg/g | 0.0500 |
| | ORGANIC/SOIL/ECD | PCB-1248 | SO | μg/g | 0.0500 |
| | ORGANIC/SOIL/ECD | PCB-1254 | SO | μg/g | 0.0500 |
| | ORGANIC/SOIL/ECD | PCB-1260 | SO | μg/g | 0.0500 |
| LM30 | SEMIVOLATILES/SOIL/GCMS | 1,2,4-Trichlorobenzene | SO | μg/g | 0.29 |
| | SEMIVOLATILES/SOIL/GCMS | 1,2-Dichlorobenzene | SO | μg/g | 0.32 |
| | SEMIVOLATILES/SOIL/GCMS | 1,3-Dichlorobenzene | SO | μg/g | 0.58 |
| | SEMIVOLATILES/SOIL/GCMS | 1,4-Dichlorobenzene | SO | μg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | 2,4,5-Trichlorophenol | SO | μg/g | 0.24 |
| | SEMIVOLATILES/SOIL/GCMS | 2,4,6-Tribromophenol | SO | μg/g | 0.35 |
| | SEMIVOLATILES/SOIL/GCMS | 2,4,6-Trichlorophenol | SO | μg/g | 0.29 |

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLs FOR SOIL

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|-------------------------|-----------------------------|--------|-------|------|
| LM30 (Cont.) | SEMIVOLATILES/SOIL/GCMS | 2,4-Dichlorophenol | SO | µg/g | 0.28 |
| | SEMIVOLATILES/SOIL/GCMS | 2,4-Dimethylphenol | SO | µg/g | 0.34 |
| | SEMIVOLATILES/SOIL/GCMS | 2,4-Dinitrotoluene | SO | µg/g | 0.31 |
| | SEMIVOLATILES/SOIL/GCMS | 2,6-Dinitrotoluene | SO | µg/g | 0.20 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Chlorophenol | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Chloronaphthalene | SO | µg/g | 0.33 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Fluorobiphenyl | SO | µg/g | 0.18 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Fluorophenol | SO | µg/g | 0.35 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Methylnaphthalene | SO | µg/g | 0.14 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Cresol | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Nitroaniline | SO | µg/g | 0.36 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Nitrophenol | SO | µg/g | 0.26 |
| | SEMIVOLATILES/SOIL/GCMS | 2-Methyl-4,6-dinitrophenol | SO | µg/g | 0.84 |
| | SEMIVOLATILES/SOIL/GCMS | 4-Bromophenyl phenyl ether | SO | µg/g | 0.13 |
| | SEMIVOLATILES/SOIL/GCMS | 3-Methyl-4-chlorophenol | SO | µg/g | 0.23 |
| | SEMIVOLATILES/SOIL/GCMS | 4-Chlorophenyl phenyl ether | SO | µg/g | 0.20 |
| | SEMIVOLATILES/SOIL/GCMS | 4-Cresol | SO | µg/g | 0.18 |
| | SEMIVOLATILES/SOIL/GCMS | 4-Nitrophenol | SO | µg/g | 2.4 |
| | SEMIVOLATILES/SOIL/GCMS | Acenaphthene | SO | µg/g | 0.27 |
| | SEMIVOLATILES/SOIL/GCMS | Acenaphthylene | SO | µg/g | 0.27 |
| | SEMIVOLATILES/SOIL/GCMS | Anthracene | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Bis(2-chloroethoxy)methane | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Bis(2-chloroisopropyl)ether | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Bis(2-chloroethyl)ether | SO | µg/g | 1.6 |
| | SEMIVOLATILES/SOIL/GCMS | Bis(2-ethylhexyl)phthalate | SO | µg/g | 0.19 |
| | SEMIVOLATILES/SOIL/GCMS | Benzo[a]anthracene | SO | µg/g | 0.12 |
| | SEMIVOLATILES/SOIL/GCMS | Benzo[a]pyrene | SO | µg/g | 0.24 |

TABLE G-1
PAGE, INCORPORATED ANALYTICAL METHODS AND CRLs FOR SOIL

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|-------------------------|---------------------------|--------|-------|------|
| LM30 (Cont.) | SEMIVOLATILES/SOIL/GCMS | Benzo[b]fluoranthene | SO | µg/g | 0.73 |
| | SEMIVOLATILES/SOIL/GCMS | Butylbenzyl Phthalate | SO | µg/g | 0.20 |
| | SEMIVOLATILES/SOIL/GCMS | Benzoic Acid | SO | µg/g | 0.92 |
| | SEMIVOLATILES/SOIL/GCMS | Benzo[g,h,i]perylene | SO | µg/g | 0.25 |
| | SEMIVOLATILES/SOIL/GCMS | Benzo[k]fluoranthene | SO | µg/g | 0.40 |
| | SEMIVOLATILES/SOIL/GCMS | Benzyl Alcohol | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Chrysene | SO | µg/g | 0.26 |
| | SEMIVOLATILES/SOIL/GCMS | Hexachlorobenzene | SO | µg/g | 0.26 |
| | SEMIVOLATILES/SOIL/GCMS | Hexachlorocyclopentadiene | SO | µg/g | 1.8 |
| | SEMIVOLATILES/SOIL/GCMS | Hexachloroethane | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Dibenz[a,h]anthracene | SO | µg/g | 0.27 |
| | SEMIVOLATILES/SOIL/GCMS | Dibenzofuran | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Diethyl Phthalate | SO | µg/g | 0.3 |
| | SEMIVOLATILES/SOIL/GCMS | Dimethyl Phthalate | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Di-n-butyl Phthalate | SO | µg/g | 0.52 |
| | SEMIVOLATILES/SOIL/GCMS | Di-n-octyl Phthalate | SO | µg/g | 0.22 |
| | SEMIVOLATILES/SOIL/GCMS | Fluoranthene | SO | µg/g | 0.60 |
| | SEMIVOLATILES/SOIL/GCMS | Fluorene | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Hexachlorobutadiene | SO | µg/g | 0.28 |
| | SEMIVOLATILES/SOIL/GCMS | Indeno[1,2,3-c,d]pyrene | SO | µg/g | 0.15 |
| | SEMIVOLATILES/SOIL/GCMS | Isophorone | SO | µg/g | 0.32 |
| | SEMIVOLATILES/SOIL/GCMS | Naphthalene | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Nitrobenzene | SO | µg/g | 0.19 |
| | SEMIVOLATILES/SOIL/GCMS | Nitrobenzene-d5 | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | N-nitrosodi-n-proplamine | SO | µg/g | 1.1 |
| | SEMIVOLATILES/SOIL/GCMS | N-nitrosodiphenylamine | SO | µg/g | 0.13 |
| | SEMIVOLATILES/SOIL/GCMS | Pentachlorophenol | SO | µg/g | 0.48 |
| | SEMIVOLATILES/SOIL/GCMS | Phenanthrene | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Phenol-d5 | SO | µg/g | 0.17 |
| | SEMIVOLATILES/SOIL/GCMS | Phenol | SO | µg/g | 0.1 |

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLS FOR SOIL

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|-------------------------|-------------------------|--------|-------|---------|
| LM30 (Cont.) | SEMIVOLATILES/SOIL/GCMS | Pyrene | SO | µg/g | 0.97 |
| | SEMIVOLATILES/SOIL/GCMS | Terphenyl-d14 | SO | µg/g | 0.74 |
| LM33 | VOLATILES/SOIL/GCMS | 1,1,1-Trichloroethane | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | 1,1,2-Trichloroethane | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | 1,1-Dichloroethene | SO | µg/g | 0.032 |
| | VOLATILES/SOIL/GCMS | 1,1-Dichloroethane | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | 1,2-Dichloroethane-d4 | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | 1,2-Dichloroethane | SO | µg/g | 0.0027 |
| | VOLATILES/SOIL/GCMS | 1,2-Dichloropropane | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | 4-Bromofluorobenzene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Acetone | SO | µg/g | 0.044 |
| | VOLATILES/SOIL/GCMS | Bromodichloromethane | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | cis-1,2-Dichloroethene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | cis-1,3-Dichloropropene | SO | µg/g | 0.0030 |
| | VOLATILES/SOIL/GCMS | Chloroethene | SO | µg/g | 0.0038 |
| | VOLATILES/SOIL/GCMS | Chloroethane | SO | µg/g | 0.0029 |
| | VOLATILES/SOIL/GCMS | Benzene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Carbon Tetrachloride | SO | µg/g | 0.0031 |
| | VOLATILES/SOIL/GCMS | Methylene Chloride | SO | µg/g | 0.00616 |
| | VOLATILES/SOIL/GCMS | Bromomethane | SO | µg/g | 0.0031 |
| | VOLATILES/SOIL/GCMS | Chloromethane | SO | µg/g | 0.035 |
| | VOLATILES/SOIL/GCMS | Bromoform | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Chloroform | SO | µg/g | 0.00265 |
| | VOLATILES/SOIL/GCMS | Chlorobenzene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Carbon Disulfide | SO | µg/g | 0.014 |
| | VOLATILES/SOIL/GCMS | Dibromochloromethane | SO | µg/g | 0.057 |
| | VOLATILES/SOIL/GCMS | Ethylbenzene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Toluene-d8 | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Toluene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Methyl Ethyl Ketone | SO | µg/g | 0.0025 |

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLS FOR SOIL

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|---------------------|---------------------------|--------|-------|--------|
| LM33 (Cont.) | VOLATILES/SOIL/GCMS | Methyl Isobutyl Ketone | SO | µg/g | 0.0186 |
| | VOLATILES/SOIL/GCMS | 2-Hexanone | SO | µg/g | 0.018 |
| | VOLATILES/SOIL/GCMS | Styrene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | trans-1,2-Dichloroethene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | trans-1,3-Dichloropropene | SO | µg/g | 0.002 |
| | VOLATILES/SOIL/GCMS | Tetrachloroethane | SO | µg/g | 0.011 |
| | VOLATILES/SOIL/GCMS | Tetrachloroethene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Trichloroethene | SO | µg/g | 0.0025 |
| | VOLATILES/SOIL/GCMS | Xylene, Total Combined | SO | µg/g | 0.0075 |
| SW7421 | | Lead | SO | µg/g | 0.7 |
| SW8020 | AROMATIC VOLATILES | Benzene | SO | µg/g | 0.0042 |
| | AROMATIC VOLATILES | Toluene | SO | µg/g | 0.0039 |
| | AROMATIC VOLATILES | Ethylbenzene | SO | µg/g | 0.0039 |
| | AROMATIC VOLATILES | Total Xylenes | SO | µg/g | 0.0037 |
| SW8290 | DIOXINS/FURANS | 2,3,7,8-TCDD | SO | ng/kg | 1.0 |
| | DIOXINS/FURANS | 1,2,3,7,8-Penta-CDD | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 1,2,3,4,7,8-Hexa-CDD | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 1,2,3,6,7,8-Hexa-CDD | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 1,2,3,7,8,9-Hexa-CDD | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 1,2,3,4,6,7,8-Hepta-CDD | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | Octa-CDD | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 2,3,7,8-TCDF | SO | ng/kg | 1.0 |
| | DIOXINS/FURANS | 1,2,3,7,8-Penta-CDF | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 2,3,4,7,8-Penta-CDF | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 1,2,3,4,7,8-Hexa-CDF | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 1,2,3,6,7,8-Hexa-CDF | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 2,3,4,6,7,8-Hexa-CDF | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 1,2,3,7,8,9-Hexa-CDF | SO | ng/kg | 2.5 |

TABLE G-1
PAGE, INCORPORATED ANALYTICAL METHODS AND CRLs FOR SOIL

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-------------------|----------------|-----------------------------|--------|-------|-----|
| SW8290 (Cont.) | DIOXINS/FURANS | 1,2,3,4,6,7,8-Hepta-CDF | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | 1,2,3,4,7,8,9-Hepta-CDF | SO | ng/kg | 2.5 |
| | DIOXINS/FURANS | Octa-CDF | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total MonoCDD (2 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total DiCDD (10 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total TriCDD (14 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total TetraCDD (22 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total PeCDD (14 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total HxCDD (10 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total HpCDD (2 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total MonoCDF (4 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total DiCDF (16 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total TriCDF (28 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total TetraCDF (38 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total PeCDF (28 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total HxCDF (16 isomers) | SO | ng/kg | 5.0 |
| | DIOXINS/FURANS | Total HpCDF (4 isomers) | SO | ng/kg | 5.0 |

Key: CRL = Certified Reporting Limits
 ICP = Inductively Coupled Plasma
 ECD = Electron Capture Detector
 GC/MS = Gas Chromatograph/Mass Spectrometry
 µg/g = Micrograms per gram

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLs FOR GROUNDWATER

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|---------------|-------------------|---|--------|-----------------|---------|
| UH21 | ORGANIC/WATER/ECD | α -Benzene Hexachloride | WA | $\mu\text{g/L}$ | 0.0434 |
| | ORGANIC/WATER/ECD | α -Chlordane | WA | $\mu\text{g/L}$ | 0.0202 |
| | ORGANIC/WATER/ECD | Endosulfan I | WA | $\mu\text{g/L}$ | 0.00856 |
| | ORGANIC/WATER/ECD | Aldrin | WA | $\mu\text{g/L}$ | 0.0638 |
| | ORGANIC/WATER/ECD | β -Benzenehexachloride | WA | $\mu\text{g/L}$ | 0.0109 |
| | ORGANIC/WATER/ECD | Endosulfan II | WA | $\mu\text{g/L}$ | 0.0120 |
| | ORGANIC/WATER/ECD | Decachlorobiphenyl | WA | $\mu\text{g/L}$ | 0.0140 |
| | ORGANIC/WATER/ECD | 2,4,5,6-Tetrachlorometaxylene | WA | $\mu\text{g/L}$ | 0.0767 |
| | ORGANIC/WATER/ECD | Δ -Benzenehexachloride | WA | $\mu\text{g/L}$ | 0.0488 |
| | ORGANIC/WATER/ECD | Dieldrin | WA | $\mu\text{g/L}$ | 0.0321 |
| | ORGANIC/WATER/ECD | Endrin | WA | $\mu\text{g/L}$ | 0.0372 |
| | ORGANIC/WATER/ECD | Endrin Aldehyde | WA | $\mu\text{g/L}$ | 0.069 |
| | ORGANIC/WATER/ECD | Endrin Ketone | WA | $\mu\text{g/L}$ | 0.0282 |
| | ORGANIC/WATER/ECD | Endosulfan Sulfate | WA | $\mu\text{g/L}$ | 0.0200 |
| | ORGANIC/WATER/ECD | γ -Chlordane | WA | $\mu\text{g/L}$ | 0.0450 |
| | ORGANIC/WATER/ECD | Heptachlor | WA | $\mu\text{g/L}$ | 0.0631 |
| | ORGANIC/WATER/ECD | Heptachlor Epoxide | WA | $\mu\text{g/L}$ | 0.006 |
| | ORGANIC/WATER/ECD | Lindane | WA | $\mu\text{g/L}$ | 0.0429 |
| | ORGANIC/WATER/ECD | Methoxychlor | WA | $\mu\text{g/L}$ | 0.267 |
| | ORGANIC/WATER/ECD | ppDDD | WA | $\mu\text{g/L}$ | 0.0848 |
| | ORGANIC/WATER/ECD | 2,2-Bis(p-chlorophenyl)-1,1-dichloroethene | WA | $\mu\text{g/L}$ | 0.0946 |
| | ORGANIC/WATER/ECD | 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane | WA | $\mu\text{g/L}$ | 0.0316 |
| | ORGANIC/WATER/ECD | Toxaphene | WA | $\mu\text{g/L}$ | 0.6 |
| | ORGANIC/WATER/ECD | PCB-1016 | WA | $\mu\text{g/L}$ | 0.859 |
| | ORGANIC/WATER/ECD | PCB-1221 | WA | $\mu\text{g/L}$ | 0.200 |
| | ORGANIC/WATER/ECD | PCB-1232 | WA | $\mu\text{g/L}$ | 0.100 |
| | ORGANIC/WATER/ECD | PCB-1242 | WA | $\mu\text{g/L}$ | 0.100 |

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLS FOR GROUNDWATER

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|--------------------------|-----------------------------|--------|-------|-------|
| UH21 (Cont.) | ORGANIC/WATER/ECD | PCB-1248 | WA | µg/L | 0.100 |
| | ORGANIC/WATER/ECD | PCB-1254 | WA | µg/L | 0.100 |
| | ORGANIC/WATER/ECD | PCB-1260 | WA | µg/L | 0.137 |
| UM06 | SEMIVOLATILES/WATER/GCMS | Phenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Bis(2-chloroethyl)ether | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2-Chlorophenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 1,3-Dichlorobenzene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 1,4-Dichlorobenzene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Benzyl Alcohol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 1,2-Dichlorobenzene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2-Methylphenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Bis(2-chloroisopropyl)ether | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 4-Methylphenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | N-Nitroso-di-n-propylamine | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Hexachloroethane | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Nitrobenzene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Isophorone | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2-Nitrophenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2,4-Dimethylphenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Benzoic Acid | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | Bis(2-chloroethoxy)methane | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2,4-Dichlorophenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 1,2,4-Trichlorobenzene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Naphthalene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 4-Chloroaniline | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Hexachlorobutadiene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 4-Chloro-3-methylphenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2-Methylnaphthalene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Hexachlorocyclopentadiene | WA | µg/L | 10 |

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLS FOR GROUNDWATER

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|--------------------------|----------------------------|--------|-------|-----|
| UM06 (Cont.) | SEMIVOLATILES/WATER/GCMS | 2,4,6-Trichlorophenol | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2,4,5-Trichlorophenol | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | 2-Chloronaphthalene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2-Nitroaniline | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | Dimethylphthalate | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Acenaphthylene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 3-Nitroaniline | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | Acenaphthene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2,4-Dinitrophenol | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | 4-Nitrophenol | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | Dibenzofuran | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2,4-Dinitrotoluene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 2,6-Dinitrotoluene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Diethylphthalate | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 4-Chlorophenyl-phenylether | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Fluorene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 4-Nitroaniline | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | 4,6-Dinitro-2-methylphenol | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | N-Nitrosodiphenylamine | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 4-Bromophenyl-phenylether | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Hexachlorobenzene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Pentachlorophenol | WA | µg/L | 50 |
| | SEMIVOLATILES/WATER/GCMS | Phenanthrene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Anthracene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Di-n-butyl Phthalate | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Fluoranthene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Pyrene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Butylbenzylphthalate | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | 3,3'-Dichlorobenzidine | WA | µg/L | 20 |

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLS FOR GROUNDWATER

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|--------------------------|----------------------------|--------|-------|-----|
| UM06 (Cont.) | SEMIVOLATILES/WATER/GCMS | Benzo(a)anthracene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Bis(2-ethylhexyl)phthalate | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Chrysene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Di-n-octylphthalate | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Benzo(b)fluoranthene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Benzo(k)fluoranthene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Benzo(a)pyrene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Indene(1,2,3-c,d)pyrene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Dibenz(a,h)anthracene | WA | µg/L | 10 |
| | SEMIVOLATILES/WATER/GCMS | Benzo(g,h,i)perylene | WA | µg/L | 10 |
| UM05 | VOLATILES/WATER/GCMS | 1,1,1-Trichloroethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | 1,1,2-Trichloroethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | 1,1-Dichloroethene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | 1,1-Dichloroethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | 1,2-Dichloroethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | 1,2-Dichloropropane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Acetone | WA | µg/L | 10 |
| | VOLATILES/WATER/GCMS | Bromodichloromethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | cis-1,2-Dichloroethene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | cis-1,3-Dichloropropene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Vinyl Chloride | WA | µg/L | 10 |
| | VOLATILES/WATER/GCMS | Chloroethane | WA | µg/L | 10 |
| | VOLATILES/WATER/GCMS | Benzene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Carbon Tetrachloride | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Methylene Chloride | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Bromomethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Chloromethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Bromoform | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Chloroform | WA | µg/L | 5.0 |

TABLE G-1
PACE, INCORPORATED ANALYTICAL METHODS AND CRLS FOR GROUNDWATER

| Method Number | Method Name | Test Name | Matrix | Units | CRL |
|-----------------|----------------------|---------------------------|--------|-------|--------|
| UM05 (Cont.) | VOLATILES/WATER/GCMS | Chlorobenzene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Carbon Disulfide | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Dibromochloroemethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Ethylbenzene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Toluene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | 2-Butanone | WA | µg/L | 10 |
| | VOLATILES/WATER/GCMS | 4-Methyl-2-pentanone | WA | µg/L | 10 |
| | VOLATILES/WATER/GCMS | 2-Hexanone | WA | µg/L | 10 |
| | VOLATILES/WATER/GCMS | Styrene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | trans-1,2-Dichloroethene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | trans-1,3-Dichloropropene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | 1,1,2,2-Tetrachloroethane | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Tetrachloroethene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Trichloroethene | WA | µg/L | 5.0 |
| | VOLATILES/WATER/GCMS | Total Xylenes | WA | µg/L | 5.0 |
| SW7421 | | Lead | WA | µg/L | 4.0 |
| SW8020 | AROMATIC VOLATILES | Benzene | WA | µg/L | 0.0042 |
| | AROMATIC VOLATILES | Toluene | WA | µg/L | 0.0039 |
| | AROMATIC VOLATILES | Ethylbenzene | WA | µg/L | 0.0039 |
| | AROMATIC VOLATILES | Total Xylenes | WA | µg/L | 0.0037 |

Key: CRL = Certified Reporting Limits
ICP = Inductively Coupled Plasma
ECD = Electron Capture Detector
GC/MS = Gas Chromatograph/Mass Spectrometry
µg/L = Micrograms per liter

A P P E N D I X G-2

METHOD BLANK DATA

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|------------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | 00/W | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | | EDS |
| WB | 00/S | Total Petroleum Hydrocarbons | ND | 50 | UGG | | | EDT |
| WB | 2792/W | Thallium | ND | 2 | UGL | | | EFH |
| WB | 2792/W | Thallium | ND | 2 | UGL | | | EFJ |
| WB | 7840/W | Thallium | ND | 2 | UGL | | | EFK |
| WB | 7840/W | Thallium | ND | 2 | UGL | | | EFL |
| WB | 2831/W | TI | ND | 3 | UGL | | | EFM |
| WB | 2792/W | Thallium | ND | 3 | UGL | | | EFO |
| WB | 6010/S | Lead | ND | 3 | UGG | | | EQR |
| WB | 2062/S | Arsenic | ND | 3 | UGG | | | ESF |
| WB | 2062/S | Arsenic | ND | 3 | UGG | | | ESG |
| WB | 2062/W | Arsenic | ND | 3 | UGL | | | ESH |
| WB | 2062/S | Arsenic | ND | 3 | UGG | | | ESI |
| WB | 2062/S | Arsenic | ND | 3 | UGG | | | ESJ |
| WB | 2062/S | Arsenic | ND | 3 | UGG | | | ESK |
| WB | 7060/S | Arsenic | ND | 3 | UGG | | | ESQ |
| WB | 7060/S | Arsenic | ND | 3 | UGG | | | ESR |
| WB | 7060/S | Arsenic | ND | 3 | UGG | | | ESS |
| WB | 2042/W | Antimony | ND | 3 | UGL | | | ETC |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Mcas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | 2042/W | Antimony | ND | 3 | UGL | | | ETE |
| WB | 7041/W | Antimony | ND | 3 | UGL | | | ETF |
| WB | 7041/W | Antimony | ND | 3 | UGL | | | ETG |
| WB | 2041/W | Antimony | ND | 5 | UGL | | | ETI |
| WB | 2042/W | Antimony | ND | 5 | UGL | | | ETJ |
| WB | 6010/S | Lead | ND | .3 | UGG | | | EVD |
| WB | 6010/S | Lead | | .59 | UGG | | | EVE |
| WB | 6010/S | Lead | | .44 | UGG | | | EVF |
| WB | 6010/W | Arsenic | ND | 4 | UGL | | | EVH |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EVH |
| WB | 6010/W | Selenium | ND | 5 | UGL | | | EVH |
| WB | 8020/W | 12DMB | ND | 1 | UGL | | | EVJ |
| WB | 8020/W | 134DMB | ND | 1 | UGL | | | EVJ |
| WB | 8020/W | Benzene | ND | .5 | UGL | | | EVJ |
| WB | 8020/W | Ethylbenzene | ND | .3 | UGL | | | EVJ |
| WB | 8020/W | Toluene | ND | .8 | UGL | | | EVJ |
| WB | 8020/S | 12DMB | ND | .05 | UGG | | | EVK |
| WB | 8020/S | 134DMB | ND | .05 | UGG | | | EVK |
| WB | 8020/S | Benzene | ND | .05 | UGG | | | EVK |
| WB | 8020/S | Ethylbenzene | ND | .04 | UGG | | | EVK |
| WB | 8020/S | Toluene | ND | .04 | UGG | | | EVK |
| WB | 8020/W | 12DMB | ND | 1 | UGL | | | EVL |
| WB | 8020/W | 134DMB | ND | 1 | UGL | | | EVL |
| WB | 8020/W | Benzene | ND | .5 | UGL | | | EVL |
| WB | 8020/W | Ethylbenzene | ND | .3 | UGL | | | EVL |
| WB | 8020/W | Toluene | ND | .8 | UGL | | | EVL |
| WB | 8020/W | 12DMB | ND | 1 | UGL | | | EVM |
| WB | 8020/W | 134DMB | ND | 1 | UGL | | | EVM |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---------------------|---------------|--------|--------------|---------------|---------------|---------------|
| WB | 8020/W | Benzene | ND | .5 | UGL | | | EVM |
| WB | 8020/W | Ethylbenzene | ND | .3 | UGL | | | EVM |
| WB | 8020/W | Toluene | ND | .8 | UGL | | | EVM |
| WB | 8020/W | 12DMB | ND | 1 | UGL | | | EVN |
| WB | 8020/W | 134DMB | ND | 2 | UGL | | | EVN |
| WB | 8020/W | Benzene | ND | .5 | UGL | | | EVN |
| WB | 8020/W | Ethylbenzene | ND | .3 | UGL | | | EVN |
| WB | 8020/W | Toluene | ND | .8 | UGL | | | EVN |
| WB | 6010/S | Lead | ND | .3 | UGG | | | EVT |
| WB | 8015/W | ATFRZ | ND | 10000 | UGL | | | EVV |
| WB | 6010/S | Lead | | .43 | UGG | | | EVW |
| WB | 6010/S | Lead | | .55 | UGG | | | EVX |
| WB | 6010/W | Arsenic | ND | 4 | UGL | | | EVY |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EVY |
| WB | 6010/W | Selenium | ND | 5 | UGL | | | EVY |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EVZ |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EWA |
| WB | 8280/W | 234HXF | ND | .0057 | UGL | | | EWG |
| WB | 8280/W | 234PCF | ND | .00031 | UGL | | | EWG |
| WB | 8280/W | 678HPD | ND | .0013 | UGL | | | EWG |
| WB | 8280/W | 678HPF | ND | .00076 | UGL | | | EWG |
| WB | 8280/W | 678HDX | ND | .0008 | UGL | | | EWG |
| WB | 8280/W | 678HXF | ND | .00057 | UGL | | | EWG |
| WB | 8280/W | 789HPF | ND | .0045 | UGL | | | EWG |
| WB | 8280/W | 789HDX | ND | .0011 | UGL | | | EWG |
| WB | 8280/W | 789HXF | ND | .0057 | UGL | | | EWG |
| WB | 8280/W | 78HXDD | ND | .00074 | UGL | | | EWG |
| WB | 8280/W | 78HXDF | ND | .001 | UGL | | | EWG |
| WB | 8280/W | 78PCDD | ND | .00053 | UGL | | | EWG |
| WB | 8280/W | 78PCDF | ND | .00041 | UGL | | | EWG |
| WB | 8280/W | OCDD | ND | .00075 | UGL | | | EWG |
| WB | 8280/W | OCDF | ND | .0029 | UGL | | | EWG |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|---------------------|---------------|--------|--------------|---------------|---------------|---------------|
| WB | 8280/W | TCDD | ND | .00019 | UGL | | | EWG |
| WB | 8280/W | TCDF | ND | .00028 | UGL | | | EWG |
| WB | 8280/W | THCDD | ND | .0011 | UGL | | | EWG |
| WB | 8280/W | THCDF | ND | .0057 | UGL | | | EWG |
| WB | 8280/W | THPCDD | ND | .0013 | UGL | | | EWG |
| WB | 8280/W | THPCDF | ND | .0045 | UGL | | | EWG |
| WB | 8280/W | TPCDD | ND | .00053 | UGL | | | EWG |
| WB | 8280/W | TPCDF | ND | .00041 | UGL | | | EWG |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EWI |
| WB | 8015/W | ATIFRZ | ND | 5000 | UGL | | | EWJ |
| WB | 8015/S | ATIFRZ | ND | 25 | UGG | | | EWK |
| WB | 6010/S | Lead | | .81 | UGG | | | EWL |
| WB | 6010/W | Arsenic | ND | 4 | UGL | | | EWM |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EWM |
| WB | 6010/W | Selenium | ND | 5 | UGL | | | EWM |
| WB | 6010/W | Arsenic | ND | 4 | UGL | | | EWN |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EWN |
| WB | 6010/W | Selenium | ND | 5 | UGL | | | EWN |
| WB | 6010/S | Lead | ND | .3 | UGG | | | EWO |
| WB | 6010/W | Arsenic | ND | 4 | UGL | | | EWP |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EWP |
| WB | 6010/W | Selenium | ND | 5 | UGL | | | EWP |
| WB | 6010/W | Arsenic | ND | 4 | UGL | | | EWQ |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EWQ |
| WB | 6010/W | Selenium | ND | 5 | UGL | | | EWQ |
| WB | 6010/W | Arsenic | ND | 4 | UGL | | | EWK |
| WB | 6010/W | Lead | ND | 3 | UGL | | | EWK |
| WB | 6010/W | Selenium | ND | 5 | UGL | | | EWK |
| WB | 2062/S | Arsenic | ND | .3 | UGG | | | EZB |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|---------------|-----------------------------|------------|-------|-----------|------------|------------|------------|
| WB | LM30/S | 1,2,4-Trichlorobenzene | LT | .29 | UGG | | | HDW |
| WB | LM30/S | 1,2-Dichlorobenzene | LT | .32 | UGG | | | HDW |
| WB | LM30/S | 1,3-Dichlorobenzene | LT | .58 | UGG | | | HDW |
| WB | LM30/S | 1,4-Dichlorobenzene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | 2,4,5-Trichlorophenol | LT | .24 | UGG | | | HDW |
| WB | LM30/S | 2,4,6-Trichlorophenol | LT | .3 | UGG | | | HDW |
| WB | LM30/S | 2,4-Dichlorophenol | LT | .28 | UGG | | | HDW |
| WB | LM30/S | 2,4-Dimethylphenol | LT | .33 | UGG | | | HDW |
| WB | LM30/S | 2,4-Dinitrophenol | ND | .31 | UGG | R | | HDW |
| WB | LM30/S | 2,4-Dinitrotoluene | LT | .2 | UGG | | | HDW |
| WB | LM30/S | 2,6-Dinitrotoluene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | 2-Chlorophenol | LT | .84 | UGG | | | HDW |
| WB | LM30/S | 2-Methyl-4,6-dinitrophenol | LT | .17 | UGG | | | HDW |
| WB | LM30/S | 2-Methyl-4,6-dinitrophenol | LT | .17 | UGG | | | HDW |
| WB | LM30/S | 2-Methylphenol | LT | .36 | UGG | | | HDW |
| WB | LM30/S | 2-Nitroaniline | LT | .26 | UGG | | | HDW |
| WB | LM30/S | 2-Nitrophenol | LT | .66 | UGG | | | HDW |
| WB | LM30/S | 3,3'-Dichlorobenzidine | ND | 1.7 | UGG | R | | HDW |
| WB | LM30/S | 3-Nitroaniline | ND | .17 | UGG | R | | HDW |
| WB | LM30/S | 4-Bromophenyl phenyl ether | LT | .23 | UGG | | | HDW |
| WB | LM30/S | 4-Chloro-3-cresol | ND | .33 | UGG | R | | HDW |
| WB | LM30/S | 4-Chloroaniline | LT | .2 | UGG | | | HDW |
| WB | LM30/S | 4-Chlorophenylphenyl Ether | LT | .18 | UGG | | | HDW |
| WB | LM30/S | 4-Methylphenol | ND | 1.7 | UGG | R | | HDW |
| WB | LM30/S | 4-Nitroaniline | LT | 2.5 | UGG | | | HDW |
| WB | LM30/S | 4-Nitrophenol | LT | .27 | UGG | | | HDW |
| WB | LM30/S | Acenaphthene | LT | .27 | UGG | | | HDW |
| WB | LM30/S | Acenaphthylene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Anthracene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | BZCPE | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Benzo(a)anthracene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Benzo(a)pyrene | LT | .24 | UGG | | | HDW |
| WB | LM30/S | Benzo(g,h,i)perylene | LT | .25 | UGG | | | HDW |
| WB | LM30/S | Benzo(k)fluoranthene | LT | .4 | UGG | | | HDW |
| WB | LM30/S | Benzoic acid | LT | .92 | UGG | | | HDW |
| WB | LM30/S | Benzo(a)pyrene | LT | .73 | UGG | | | HDW |
| WB | LM30/S | Benzyl Alcohol | LT | .17 | UGG | | | HDW |
| WB | LM30/S | beta-Chloronaphthalene | LT | .33 | UGG | | | HDW |
| WB | LM30/S | Bis(2-chloroethoxy) methane | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Bis(2-chloroethyl)ether | LT | 1.6 | UGG | | | HDW |
| WB | LM30/S | Bis(2-ethylhexyl)phthalate | LT | .19 | UGG | | | HDW |
| WB | LM30/S | Butyl benzyl phthalate | LT | .2 | UGG | | | HDW |
| WB | LM30/S | Chrysene | LT | .27 | UGG | | | HDW |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|---------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LM30/S | Di-n-butyl phthalate | LT | .51 | UGG | | | HDW |
| WB | LM30/S | Di-n-octyl phthalate | LT | .22 | UGG | | | HDW |
| WB | LM30/S | Dibenz(a,h)anthracene | LT | .27 | UGG | | | HDW |
| WB | LM30/S | Dibenzofuran | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Diethyl phthalate | LT | .35 | UGG | | | HDW |
| WB | LM30/S | Dimethyl phthalate | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Fluoranthene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Fluorene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Hexachlorobenzene | LT | .26 | UGG | | | HDW |
| WB | LM30/S | Hexachlorobutadiene | LT | .28 | UGG | | | HDW |
| WB | LM30/S | Hexachlorocyclopentadiene | LT | 1.8 | UGG | | | HDW |
| WB | LM30/S | Hexachloroethane | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Indeno(1,2,3-c,d)pyrene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Isophorone | LT | .32 | UGG | | | HDW |
| WB | LM30/S | N-Nitrosodi-n-propylamine | LT | 1.1 | UGG | | | HDW |
| WB | LM30/S | N-Nitrosodiphenylamine | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Naphthalene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Nitrobenzene | LT | .19 | UGG | | | HDW |
| WB | LM30/S | Pentachlorophenol | LT | .48 | UGG | | | HDW |
| WB | LM30/S | Phenanthrene | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Phenol | LT | .17 | UGG | | | HDW |
| WB | LM30/S | Pyrene | LT | .97 | UGG | | | HDW |
| WB | LM30/S | UNK531 | | .9 | UGG | S | | HDW |
| WB | LM30/S | UNK532 | | .2 | UGG | S | | HDW |
| WB | LM30/S | UNK535 | | .1 | UGG | S | | HDW |
| WB | LM30/S | UNK541 | | .07 | UGG | S | | HDW |
| WB | LM30/S | UNK547 | | .1 | UGG | S | | HDW |
| WB | LM30/S | UNK558 | | .08 | UGG | S | | HDW |
| WB | LM30/S | UNK607 | | .2 | UGG | S | | HDW |
| WB | LM30/S | UNK624 | | .2 | UGG | S | | HDW |
| WB | LM30/S | UNK639 | | .3 | UGG | S | | HDW |
| WB | LM30/S | UNK640 | | .09 | UGG | S | | HDW |
| WB | LM30/S | UNK641 | | .1 | UGG | S | | HDW |
| WB | LM30/S | UNK642 | | .08 | UGG | S | | HDW |
| WB | LM30/S | UNK644 | | .1 | UGG | S | | HDW |
| WB | LM30/S | UNK646 | | .1 | UGG | S | | HDW |
| WB | LM30/S | UNK647 | | .07 | UGG | S | | HDW |
| WB | LM30/S | UNK654 | | .07 | UGG | S | | HDW |
| WB | LM30/S | UNK660 | | .2 | UGG | S | | HDW |
| WB | LM30/S | UNK664 | | .07 | UGG | S | | HDW |
| WB | LM30/S | 1,2,4-Trichlorobenzene | LT | .29 | UGG | | | HDX |
| WB | LM30/S | 1,2-Dichlorobenzene | LT | .32 | UGG | | | HDX |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|-----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LM30/S | 1,3-Dichlorobenzene | LT | .58 | UGG | | | HDX |
| WB | LM30/S | 1,4-Dichlorobenzene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | 2,4,5-Trichlorophenol | LT | .24 | UGG | | | HDX |
| WB | LM30/S | 2,4,6-Trichlorophenol | LT | .3 | UGG | | | HDX |
| WB | LM30/S | 2,4-Dichlorophenol | LT | .28 | UGG | | | HDX |
| WB | LM30/S | 2,4-Dimethylphenol | LT | .33 | UGG | | | HDX |
| WB | LM30/S | 2,4-Dinitrophenol | ND | .33 | UGG | R | | HDX |
| WB | LM30/S | 2,4-Dinitrotoluene | LT | .31 | UGG | | | HDX |
| WB | LM30/S | 2,6-Dinitrotoluene | LT | .2 | UGG | | | HDX |
| WB | LM30/S | 2-Chlorophenol | LT | .17 | UGG | | | HDX |
| WB | LM30/S | 2-Methyl-4,6-dinitrophenol | LT | .84 | UGG | | | HDX |
| WB | LM30/S | 2-Methylnaphthalene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | 2-Methylphenol | LT | .17 | UGG | | | HDX |
| WB | LM30/S | 2-Nitroaniline | LT | .36 | UGG | | | HDX |
| WB | LM30/S | 2-Nitrophenol | LT | .26 | UGG | | | HDX |
| WB | LM30/S | 3,3'-Dichlorobenzidine | ND | .66 | UGG | R | | HDX |
| WB | LM30/S | 3-Nitroaniline | ND | .17 | UGG | R | | HDX |
| WB | LM30/S | 4-Bromophenyl phenyl ether | LT | .17 | UGG | | | HDX |
| WB | LM30/S | 4-Chloro-3-cresol | LT | .23 | UGG | R | | HDX |
| WB | LM30/S | 4-Chloroaniline | ND | .33 | UGG | | | HDX |
| WB | LM30/S | 4-Chlorophenylphenyl Ether | LT | .2 | UGG | | | HDX |
| WB | LM30/S | 4-Methylphenol | LT | .18 | UGG | | | HDX |
| WB | LM30/S | 4-Nitroaniline | ND | .17 | UGG | R | | HDX |
| WB | LM30/S | 4-Nitrophenol | LT | .25 | UGG | | | HDX |
| WB | LM30/S | Acenaphthene | LT | .27 | UGG | | | HDX |
| WB | LM30/S | Acenaphthylene | LT | .27 | UGG | | | HDX |
| WB | LM30/S | Anthracene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | B2CIPE | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Benzo(a)anthracene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Benzo(a)pyrene | LT | .24 | UGG | | | HDX |
| WB | LM30/S | Benzo(g,h,i)perylene | LT | .25 | UGG | | | HDX |
| WB | LM30/S | Benzo(k)fluoranthene | LT | .4 | UGG | | | HDX |
| WB | LM30/S | Benzoic acid | LT | .92 | UGG | | | HDX |
| WB | LM30/S | Benzopyrene | LT | .73 | UGG | | | HDX |
| WB | LM30/S | Benzyl Alcohol | LT | .17 | UGG | | | HDX |
| WB | LM30/S | beta-Chloronaphthalene | LT | .33 | UGG | | | HDX |
| WB | LM30/S | Bis(2-chloroethoxy) methane | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Bis(2-chloroethoxy)ether | LT | 1.6 | UGG | | | HDX |
| WB | LM30/S | Bis(2-ethylhexyl)phthalate | LT | .19 | UGG | | | HDX |
| WB | LM30/S | Butyl benzyl phthalate | LT | .2 | UGG | | | HDX |
| WB | LM30/S | Chrysene | LT | .27 | UGG | | | HDX |
| WB | LM30/S | Di-n-butyl phthalate | LT | .51 | UGG | | | HDX |
| WB | LM30/S | Di-n-octyl phthalate | LT | .22 | UGG | | | HDX |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LM30/S | Dibenz(a,h)anthracene | LT | .27 | UGG | | | HDX |
| WB | LM30/S | Dibenzofuran | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Diethyl phthalate | LT | .35 | UGG | | | HDX |
| WB | LM30/S | Dimethyl phthalate | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Fluoranthene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Fluorene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Hexachlorobenzene | LT | .26 | UGG | | | HDX |
| WB | LM30/S | Hexachlorobutadiene | LT | .28 | UGG | | | HDX |
| WB | LM30/S | Hexachlorocyclopentadiene | LT | .18 | UGG | | | HDX |
| WB | LM30/S | Hexachloroethane | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Indeno(1,2,3-c,d)pyrene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Isophorone | LT | .32 | UGG | | | HDX |
| WB | LM30/S | N-Nitrosodi-n-propylamine | LT | 1.1 | UGG | | | HDX |
| WB | LM30/S | Naphthalene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Nitrobenzene | LT | .19 | UGG | | | HDX |
| WB | LM30/S | Pentachlorophenol | LT | .48 | UGG | | | HDX |
| WB | LM30/S | Phenanthrene | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Phenol | LT | .17 | UGG | | | HDX |
| WB | LM30/S | Pyrene | LT | .97 | UGG | | | HDX |
| WB | LM30/S | UNK531 | | .2 | UGG | S | | HDX |
| WB | LM30/S | UNK535 | | .2 | UGG | S | | HDX |
| WB | LM30/S | UNK546 | | .08 | UGG | S | | HDX |
| WB | LM30/S | UNK558 | | .1 | UGG | S | | HDX |
| WB | LM30/S | UNK624 | | .4 | UGG | S | | HDX |
| WB | LM30/S | 1,2,4-Trichlorobenzene | LT | .29 | UGG | | ? | HDY |
| WB | LM30/S | 1,2-Dichlorobenzene | LT | .32 | UGG | | ? | HDY |
| WB | LM30/S | 1,3-Dichlorobenzene | LT | .58 | UGG | | ? | HDY |
| WB | LM30/S | 1,4-Dichlorobenzene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | 2,4,5-Trichlorophenol | LT | .24 | UGG | | ? | HDY |
| WB | LM30/S | 2,4,6-Trichlorophenol | LT | .3 | UGG | | ? | HDY |
| WB | LM30/S | 2,4-Dichlorophenol | LT | .28 | UGG | | ? | HDY |
| WB | LM30/S | 2,4-Dimethylphenol | LT | .33 | UGG | | ? | HDY |
| WB | LM30/S | 2,4-Dinitrophenol | ND | 3.1 | UGG | R | ? | HDY |
| WB | LM30/S | 2,4-Dinitrotoluene | LT | .31 | UGG | | ? | HDY |
| WB | LM30/S | 2,6-Dinitrotoluene | LT | .2 | UGG | | ? | HDY |
| WB | LM30/S | 2-Chlorophenol | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | 2-Methyl-4,6-dinitrophenol | LT | .84 | UGG | | ? | HDY |
| WB | LM30/S | 2-Methylnaphthalene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | 2-Methylphenol | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | 2-Nitroaniline | LT | .36 | UGG | | ? | HDY |
| WB | LM30/S | 2-Nitrophenol | LT | .26 | UGG | | ? | HDY |
| WB | LM30/S | 3,3'-Dichlorobenzidine | ND | 3.6 | UGG | R | ? | HDY |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|-----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| | | | | | | | | |
| WB | LM30/S | 3-Nitroaniline | ND | 1.7 | UGG | R | ? | HDY |
| WB | LM30/S | 4-Bromophenyl phenyl ether | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | 4-Chloro-3-cresol | LT | .23 | UGG | | ? | HDY |
| WB | LM30/S | 4-Chloroaniline | ND | .33 | UGG | R | ? | HDY |
| WB | LM30/S | 4-Chlorophenylphenyl Ether | LT | .2 | UGG | | ? | HDY |
| WB | LM30/S | 4-Methylphenol | LT | .18 | UGG | | ? | HDY |
| WB | LM30/S | 4-Nitroaniline | ND | 2.6 | UGG | R | ? | HDY |
| WB | LM30/S | 4-Nitrophenol | LT | 2.5 | UGG | | ? | HDY |
| WB | LM30/S | Acenaphthene | LT | .27 | UGG | | ? | HDY |
| WB | LM30/S | Acenaphthylene | LT | .27 | UGG | | ? | HDY |
| WB | LM30/S | Anthracene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | B2CIPE | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Benzo(a)anthracene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Benzo(a)pyrene | LT | .24 | UGG | | ? | HDY |
| WB | LM30/S | Benzo(g,h,i)perylene | LT | .25 | UGG | | ? | HDY |
| WB | LM30/S | Benzo(k)fluoranthene | LT | .4 | UGG | | ? | HDY |
| WB | LM30/S | Benzoic acid | LT | .92 | UGG | | ? | HDY |
| WB | LM30/S | Benzopyrene | LT | .73 | UGG | | ? | HDY |
| WB | LM30/S | Benzyl Alcohol | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | beta-Chloronaphthalene | LT | .33 | UGG | | ? | HDY |
| WB | LM30/S | Bis(2-chloroethoxy) methane | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Bis(2-chloroethyl)ether | LT | 1.6 | UGG | | ? | HDY |
| WB | LM30/S | Bis(2-ethylhexyl)phthalate | LT | .19 | UGG | | ? | HDY |
| WB | LM30/S | Butyl benzyl phthalate | LT | .2 | UGG | | ? | HDY |
| WB | LM30/S | Chrysene | LT | .27 | UGG | | ? | HDY |
| WB | LM30/S | Di-n-butyl phthalate | LT | .51 | UGG | | ? | HDY |
| WB | LM30/S | Di-n-octyl phthalate | LT | .22 | UGG | | ? | HDY |
| WB | LM30/S | Dibenz(a,h)anthracene | LT | .27 | UGG | | ? | HDY |
| WB | LM30/S | Dibenzofuran | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Diethyl phthalate | LT | .35 | UGG | | ? | HDY |
| WB | LM30/S | Dimethyl phthalate | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Fluoranthene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Fluorene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Hexachlorobenzene | LT | .26 | UGG | | ? | HDY |
| WB | LM30/S | Hexachlorobutadiene | LT | .28 | UGG | | ? | HDY |
| WB | LM30/S | Hexachlorocyclopentadiene | LT | 1.8 | UGG | | ? | HDY |
| WB | LM30/S | Hexachloroethane | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Indeno(1,2,3-c,d)pyrene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Isophorone | LT | .32 | UGG | | ? | HDY |
| WB | LM30/S | N-Nitrosodi-n-propylamine | LT | 1.1 | UGG | | ? | HDY |
| WB | LM30/S | N-Nitrosodiphenylamine | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Naphthalene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Nitrobenzene | LT | .19 | UGG | | ? | HDY |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|---------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LM30/S | Pentachlorophenol | LT | .48 | UGG | | ? | HDY |
| WB | LM30/S | Phenanthrene | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Phenol | LT | .17 | UGG | | ? | HDY |
| WB | LM30/S | Pyrene | LT | .97 | UGG | | ? | HDY |
| WB | LM30/S | UNK531 | | 1 | UGG | | ? | HDY |
| WB | LM30/S | UNK533 | | .1 | UGG | | ? | HDY |
| WB | LM30/S | UNK534 | | .08 | UGG | | ? | HDY |
| WB | LM30/S | UNK546 | | .1 | UGG | | ? | HDY |
| WB | LM30/S | UNK624 | | .09 | UGG | | ? | HDY |
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HEU |
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HEV |
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HEW |
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HEX |
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HEY |
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HEZ |
| WB | JB06/S | Mercury | LT | .087 | UGG | | | HHW |
| WB | JB06/S | Mercury | LT | .087 | UGG | | | HHX |
| WB | JB06/S | Mercury | LT | .087 | UGG | | | HHY |
| WB | JB06/S | Mercury | LT | .087 | UGG | | | HHZ |
| WB | JS14/S | Antimony | LT | 82.9 | UGG | | | HNU |
| WB | JS14/S | Barium | LT | 4.87 | UGG | | | HNU |
| WB | JS14/S | Cadmium | LT | .427 | UGG | | | HNU |
| WB | JS14/S | Chromium (Total) | LT | .974 | UGG | | | HNU |
| WB | JS14/S | Cobalt | LT | 2.5 | UGG | | | HNU |
| WB | JS14/S | Copper | LT | 3.38 | UGG | | | HNU |
| WB | JS14/S | Lead | LT | 10 | UGG | | | HNU |
| WB | JS14/S | Molybdenum | LT | 4 | UGG | | | HNU |
| WB | JS14/S | Nickel | LT | 7.5 | UGG | | | HNU |
| WB | JS14/S | Selenium | LT | 12.4 | UGG | | | HNU |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | JS14/S | Thallium | LT | 12.5 | UGG | | | HNH |
| WB | JS14/S | Zinc | | 4.9 | UGG | | | HNH |
| WB | JS14/S | Antimony | LT | 82.9 | UGG | | | HNH |
| WB | JS14/S | Barium | LT | 4.87 | UGG | | | HNH |
| WB | JS14/S | Cadmium | LT | .427 | UGG | | | HNH |
| WB | JS14/S | Chromium (Total) | LT | .974 | UGG | | | HNH |
| WB | JS14/S | Cobalt | LT | 2.5 | UGG | | | HNH |
| WB | JS14/S | Copper | LT | 3.38 | UGG | | | HNH |
| WB | JS14/S | Lead | LT | 10 | UGG | | | HNH |
| WB | JS14/S | Molybdenum | LT | 4 | UGG | | | HNH |
| WB | JS14/S | Nickel | LT | 7.5 | UGG | | | HNH |
| WB | JS14/S | Selenium | LT | 12.4 | UGG | | | HNH |
| WB | JS14/S | Thallium | LT | 12.5 | UGG | | | HNH |
| WB | JS14/S | Zinc | LT | 4 | UGG | | | HNH |
| WB | JS14/S | Antimony | LT | 82.9 | UGG | | | HNH |
| WB | JS14/S | Barium | LT | 4.87 | UGG | | | HNH |
| WB | JS14/S | Cadmium | LT | .427 | UGG | | | HNH |
| WB | JS14/S | Chromium (Total) | LT | .974 | UGG | | | HNH |
| WB | JS14/S | Cobalt | LT | 2.5 | UGG | | | HNH |
| WB | JS14/S | Copper | LT | 3.38 | UGG | | | HNH |
| WB | JS14/S | Lead | LT | 10 | UGG | | | HNH |
| WB | JS14/S | Molybdenum | LT | 4 | UGG | | | HNH |
| WB | JS14/S | Nickel | LT | 7.5 | UGG | | | HNH |
| WB | JS14/S | Selenium | LT | 12.4 | UGG | | | HNH |
| WB | JS14/S | Thallium | LT | 12.5 | UGG | | | HNH |
| WB | JS14/S | Zinc | LT | 4.8 | UGG | | | HNH |
| WB | JS14/S | Antimony | LT | 82.9 | UGG | | | HNH |
| WB | JS14/S | Barium | LT | 4.87 | UGG | | | HNH |
| WB | JS14/S | Cadmium | LT | .427 | UGG | | | HNH |
| WB | JS14/S | Chromium (Total) | LT | .974 | UGG | | | HNH |
| WB | JS14/S | Cobalt | LT | 2.5 | UGG | | | HNH |
| WB | JS14/S | Copper | LT | 3.38 | UGG | | | HNH |
| WB | JS14/S | Lead | LT | 10 | UGG | | | HNH |
| WB | JS14/S | Molybdenum | LT | 4 | UGG | | | HNH |
| WB | JS14/S | Nickel | LT | 7.5 | UGG | | | HNH |
| WB | JS14/S | Selenium | LT | 12.4 | UGG | | | HNH |
| WB | JS14/S | Thallium | LT | 12.5 | UGG | | | HNH |
| WB | JS14/S | Zinc | LT | 4.8 | UGG | | | HNH |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|---------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | JS14/S | Antimony | LT | 82.9 | UGG | | | HNY |
| WB | JS14/S | Barium | LT | 4.87 | UGG | | | HNY |
| WB | JS14/S | Cadmium | LT | .427 | UGG | | | HNY |
| WB | JS14/S | Chromium (Total) | LT | .974 | UGG | | | HNY |
| WB | JS14/S | Cobalt | LT | 2.5 | UGG | | | HNY |
| WB | JS14/S | Copper | LT | 3.38 | UGG | | | HNY |
| WB | JS14/S | Lead | LT | 10 | UGG | | | HNY |
| WB | JS14/S | Molybdenum | LT | 4 | UGG | | | HNY |
| WB | JS14/S | Nickel | LT | 7.5 | UGG | | | HNY |
| WB | JS14/S | Selenium | LT | 12.4 | UGG | | | HNY |
| WB | JS14/S | Thallium | LT | 12.5 | UGG | | | HNY |
| WB | JS14/S | Zinc | LT | 4 | UGG | | | HNY |
| WB | LM33/S | 1,1,1-Trichloroethane | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | 1,1,2,2-Tetrachloroethane | LT | .012 | UGG | | | HOJ |
| WB | LM33/S | 1,1,2-Trichloroethane | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | 1,1-Dichloroethane | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | 1,1-Dichloroethene | LT | .032 | UGG | | | HOJ |
| WB | LM33/S | 1,2-Dichloroethane | LT | .0027 | UGG | | | HOJ |
| WB | LM33/S | 1,2-Dichloropropane | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | 2-Butanone | LT | .0051 | UGG | | | HOJ |
| WB | LM33/S | 2-Hexanone | LT | .018 | UGG | | | HOJ |
| WB | LM33/S | Acetone | LT | .045 | UGG | | | HOJ |
| WB | LM33/S | Benzene | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Bromodichloromethane | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Bromoform | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Bromomethane | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | CI3DCP | LT | .0031 | UGG | | | HOJ |
| WB | LM33/S | Carbon disulfide | LT | .0029 | UGG | | | HOJ |
| WB | LM33/S | Carbon tetrachloride | LT | .014 | UGG | | | HOJ |
| WB | LM33/S | Chlorobenzene | LT | .0031 | UGG | | | HOJ |
| WB | LM33/S | Chloroethane | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Chloroethene | LT | .0029 | UGG | | | HOJ |
| WB | LM33/S | Chloroform | LT | .0038 | UGG | | | HOJ |
| WB | LM33/S | Chloromethane | LT | .0026 | UGG | | | HOJ |
| WB | LM33/S | cis-1,2-Dichloroethene | LT | .035 | UGG | | | HOJ |
| WB | LM33/S | Dibromochloromethane | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Ethylbenzene | LT | .057 | UGG | | | HOJ |
| WB | LM33/S | Methyl isobutyl ketone | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Methylene chloride | LT | .019 | UGG | | | HOJ |
| WB | LM33/S | Styrene | LT | .0062 | UGG | | | HOJ |
| WB | LM33/S | TI3DCP | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Tetrachloroethene | LT | .0025 | UGG | | | HOJ |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LM33/S | Toluene | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | trans-1,2-Dichloroethene | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Trichloroethene | LT | .0025 | UGG | | | HOJ |
| WB | LM33/S | Xylenes (total) | LT | .0075 | UGG | | | HOJ |
| WB | LM33/S | 1,1,1-Trichloroethane | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | 1,1,2,2-Tetrachloroethane | LT | .012 | UGG | | | HOK |
| WB | LM33/S | 1,1,2-Trichloroethane | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | 1,1-Dichloroethane | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | 1,1-Dichloroethene | LT | .032 | UGG | | | HOK |
| WB | LM33/S | 1,2-Dichloroethane | LT | .0027 | UGG | | | HOK |
| WB | LM33/S | 1,2-Dichloropropane | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | 2-Butanone | LT | .0051 | UGG | | | HOK |
| WB | LM33/S | 2-Hexanone | LT | .018 | UGG | | | HOK |
| WB | LM33/S | Acetone | LT | .045 | UGG | | | HOK |
| WB | LM33/S | Benzene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Bromodichloromethane | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Bromoform | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Bromomethane | LT | .0031 | UGG | | | HOK |
| WB | LM33/S | C13DCP | LT | .0029 | UGG | | | HOK |
| WB | LM33/S | Carbon disulfide | LT | .014 | UGG | | | HOK |
| WB | LM33/S | Carbon tetrachloride | LT | .0031 | UGG | | | HOK |
| WB | LM33/S | Chlorobenzene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Chloroethane | LT | .0029 | UGG | | | HOK |
| WB | LM33/S | Chloroethene | LT | .0038 | UGG | | | HOK |
| WB | LM33/S | Chloroform | LT | .0026 | UGG | | | HOK |
| WB | LM33/S | Chloromethane | LT | .035 | UGG | | | HOK |
| WB | LM33/S | cis-1,2-Dichloroethene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Dibromochloromethane | LT | .057 | UGG | | | HOK |
| WB | LM33/S | Ethylbenzene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Methyl isobutyl ketone | LT | .019 | UGG | | | HOK |
| WB | LM33/S | Methylene chloride | LT | .0062 | UGG | | | HOK |
| WB | LM33/S | Styrene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | T13DCP | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Tetrachloroethene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Toluene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | trans-1,2-Dichloroethene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Trichloroethene | LT | .0025 | UGG | | | HOK |
| WB | LM33/S | Xylenes (total) | LT | .0075 | UGG | | | HOK |
| WB | LM33/S | 1,1,1-Trichloroethane | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | 1,1,2,2-Tetrachloroethane | LT | .012 | UGG | | | HOL |
| WB | LM33/S | 1,1,2-Trichloroethane | LT | .0025 | UGG | | | HOL |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|---------------|---------------------------|------------|-------|-----------|------------|------------|------------|
| WB | LM33/S | 1,1-Dichloroethane | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | 1,1-Dichloroethene | LT | .032 | UGG | | | HOL |
| WB | LM33/S | 1,2-Dichloroethane | LT | .0027 | UGG | | | HOL |
| WB | LM33/S | 1,2-Dichloropropane | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | 2-Butanone | LT | .0051 | UGG | | | HOL |
| WB | LM33/S | 2-Hexanone | LT | .018 | UGG | | | HOL |
| WB | LM33/S | Acetone | LT | .045 | UGG | | | HOL |
| WB | LM33/S | Benzene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Bromodichloromethane | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Bromoform | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Bromomethane | LT | .0031 | UGG | | | HOL |
| WB | LM33/S | C13DCP | LT | .0029 | UGG | | | HOL |
| WB | LM33/S | Carbon disulfide | LT | .014 | UGG | | | HOL |
| WB | LM33/S | Carbon tetrachloride | LT | .0031 | UGG | | | HOL |
| WB | LM33/S | Chlorobenzene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Chloroethane | LT | .0029 | UGG | | | HOL |
| WB | LM33/S | Chloroethene | LT | .0038 | UGG | | | HOL |
| WB | LM33/S | Chloroform | LT | .0026 | UGG | | | HOL |
| WB | LM33/S | Chloromethane | LT | .035 | UGG | | | HOL |
| WB | LM33/S | cis-1,2-Dichloroethene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Dibromochloromethane | LT | .057 | UGG | | | HOL |
| WB | LM33/S | Ethylbenzene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Methyl isobutyl ketone | LT | .019 | UGG | | | HOL |
| WB | LM33/S | Methylene chloride | LT | .0062 | UGG | | | HOL |
| WB | LM33/S | Styrene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | T13DCP | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Tetrachloroethene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Toluene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | trans-1,2-Dichloroethene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Trichloroethene | LT | .0025 | UGG | | | HOL |
| WB | LM33/S | Xylenes (total) | LT | .0075 | UGG | | | HOL |
| WB | LM33/S | 1,1,1-Trichloroethane | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | 1,1,2,2-Tetrachloroethane | LT | .012 | UGG | | | HOM |
| WB | LM33/S | 1,1,2-Trichloroethane | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | 1,1-Dichloroethane | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | 1,1-Dichloroethene | LT | .032 | UGG | | | HOM |
| WB | LM33/S | 1,2-Dichloropropane | LT | .0027 | UGG | | | HOM |
| WB | LM33/S | 2-Butanone | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | 2-Hexanone | LT | .0051 | UGG | | | HOM |
| WB | LM33/S | Acetone | LT | .018 | UGG | | | HOM |
| WB | LM33/S | Benzene | LT | .045 | UGG | | | HOM |
| WB | LM33/S | | LT | .0025 | UGG | | | HOM |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|----------------|---------------------------|------------|-------|-----------|------------|------------|------------|
| WB | LM33/S | Bromodichloromethane | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Bromoform | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Bromomethane | LT | .0031 | UGG | | | HOM |
| WB | LM33/S | C13DCP | LT | .0029 | UGG | | | HOM |
| WB | LM33/S | Carbon disulfide | LT | .014 | UGG | | | HOM |
| WB | LM33/S | Carbon tetrachloride | LT | .0031 | UGG | | | HOM |
| WB | LM33/S | Chlorobenzene | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Chloroethane | LT | .0029 | UGG | | | HOM |
| WB | LM33/S | Chloroethene | LT | .0038 | UGG | | | HOM |
| WB | LM33/S | Chloroform | LT | .0026 | UGG | | | HOM |
| WB | LM33/S | Chloromethane | LT | .035 | UGG | | | HOM |
| WB | LM33/S | cis-1,2-Dichloroethene | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Dibromochloromethane | LT | .057 | UGG | | | HOM |
| WB | LM33/S | Ethylbenzene | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Methyl isobutyl ketone | LT | .019 | UGG | | | HOM |
| WB | LM33/S | Methylene chloride | LT | .0062 | UGG | | | HOM |
| WB | LM33/S | Styrene | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | T13DCP | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Tetrachloroethene | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Toluene | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | trans-1,2-Dichloroethene | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Trichloroethene | LT | .0025 | UGG | | | HOM |
| WB | LM33/S | Xylenes (total) | LT | .0075 | UGG | | | HOM |
| WB | LM33/S | 1,1,1-Trichloroethane | LT | .0025 | UGG | | | HON |
| WB | LM33/S | 1,1,2,2-Tetrachloroethane | LT | .012 | UGG | | | HON |
| WB | LM33/S | 1,1,2-Trichloroethane | LT | .0025 | UGG | | | HON |
| WB | LM33/S | 1,1-Dichloroethane | LT | .0025 | UGG | | | HON |
| WB | LM33/S | 1,1-Dichloroethene | LT | .032 | UGG | | | HON |
| WB | LM33/S | 1,2-Dichloroethane | LT | .0027 | UGG | | | HON |
| WB | LM33/S | 1,2-Dichloropropane | LT | .0025 | UGG | | | HON |
| WB | LM33/S | 2-Butanone | LT | .0051 | UGG | | | HON |
| WB | LM33/S | 2-Hexanone | LT | .018 | UGG | | | HON |
| WB | LM33/S | Acetone | LT | .045 | UGG | | | HON |
| WB | LM33/S | Benzene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Bromodichloromethane | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Bromoform | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Bromomethane | LT | .0031 | UGG | | | HON |
| WB | LM33/S | C13DCP | LT | .0029 | UGG | | | HON |
| WB | LM33/S | Carbon disulfide | LT | .014 | UGG | | | HON |
| WB | LM33/S | Carbon tetrachloride | LT | .0031 | UGG | | | HON |
| WB | LM33/S | Chlorobenzene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Chloroethane | LT | .0029 | UGG | | | HON |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|---|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LM33/S | Chloroethene | LT | .0038 | UGG | | | HON |
| WB | LM33/S | Chloroform | LT | .0026 | UGG | | | HON |
| WB | LM33/S | Chloromethane | LT | .0035 | UGG | | | HON |
| WB | LM33/S | cis-1,2-Dichloroethene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Dibromochloromethane | LT | .057 | UGG | | | HON |
| WB | LM33/S | Ethylbenzene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Methyl isobutyl ketone | LT | .019 | UGG | | | HON |
| WB | LM33/S | Methylene chloride | LT | .0062 | UGG | | | HON |
| WB | LM33/S | Styrene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | T13DCP | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Tetrachloroethene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Toluene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | trans-1,2-Dichloroethene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | Trichloroethene | LT | .0025 | UGG | | | HON |
| WB | LM33/S | UNK068 | LT | .02 | UGG | S | | HON |
| WB | LM33/S | Xylenes (total) | LT | .0075 | UGG | | | HON |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .0033 | UGG | | | HPG |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .0033 | UGG | | | HPG |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | ND | .0033 | UGG | | | HPG |
| WB | 8080/S | Aldrin | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | alpha-Benzene hexachloride | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | alpha-Chlordane | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | beta-Benzene hexachloride | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | delta-Benzene hexachloride | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | Dieldrin | ND | .0033 | UGG | | | HPG |
| WB | 8080/S | Endosulfan I | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | Endosulfan II | ND | .0033 | UGG | | | HPG |
| WB | 8080/S | Endosulfan sulfate | ND | .0033 | UGG | | | HPG |
| WB | 8080/S | Endrin | ND | .0033 | UGG | | | HPG |
| WB | 8080/S | Endrin | ND | .0033 | UGG | | | HPG |
| WB | 8080/S | ENDRNK | ND | .033 | UGG | | | HPG |
| WB | 8080/S | gamma-Chlordane | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | Heptachlor | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | Heptachlor epoxide | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | Lindane | ND | .0017 | UGG | | | HPG |
| WB | 8080/S | Methoxychlor | ND | .017 | UGG | | | HPG |
| WB | 8080/S | PCB 1016 | ND | .033 | UGG | | | HPG |
| WB | 8080/S | PCB 1221 | ND | .067 | UGG | | | HPG |
| WB | 8080/S | PCB 1232 | ND | .033 | UGG | | | HPG |
| WB | 8080/S | PCB 1242 | ND | .033 | UGG | | | HPG |
| WB | 8080/S | PCB 1248 | ND | .033 | UGG | | | HPG |
| WB | 8080/S | PCB 1254 | ND | .033 | UGG | | | HPG |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|----------------|---|------------|-------|-----------|------------|------------|------------|
| WB | 8080/S | PCB 1260 | ND | .033 | UGG | | | HPG |
| WB | 8080/S | Toxaphene | ND | .17 | UGG | | | HPG |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0096 | UGG | | | HPH |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0112 | UGG | | | HPH |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0142 | UGG | | | HPH |
| WB | LH19/S | Aldrin | LT | .013 | UGG | | | HPH |
| WB | LH19/S | alpha-Benzene hexachloride | LT | .0025 | UGG | | | HPH |
| WB | LH19/S | alpha-Chlordane | LT | .004 | UGG | | | HPH |
| WB | LH19/S | beta-Benzene hexachloride | LT | .0054 | UGG | | | HPH |
| WB | LH19/S | delta-Benzene hexachloride | LT | .0228 | UGG | | | HPH |
| WB | LH19/S | Dieldrin | LT | .0078 | UGG | | | HPH |
| WB | LH19/S | Endosulfan I | LT | .0047 | UGG | | | HPH |
| WB | LH19/S | Endosulfan II | LT | .0071 | UGG | | | HPH |
| WB | LH19/S | Endosulfan sulfate | LT | .013 | UGG | | | HPH |
| WB | LH19/S | Endrin | LT | .0111 | UGG | | | HPH |
| WB | LH19/S | Endrin | LT | .0276 | UGG | | | HPH |
| WB | LH19/S | ENDRNK | LT | .0061 | UGG | | | HPH |
| WB | LH19/S | gamma-Chlordane | LT | .0214 | UGG | | | HPH |
| WB | LH19/S | Heptachlor | LT | .0096 | UGG | | | HPH |
| WB | LH19/S | Heptachlor epoxide | LT | .0039 | UGG | | | HPH |
| WB | LH19/S | Lindane | LT | .02 | UGG | | | HPH |
| WB | LH19/S | Methoxychlor | LT | .211 | UGG | | | HPH |
| WB | LH19/S | PCB 1016 | ND | .04 | UGG | T | | HPH |
| WB | LH19/S | PCB 1221 | ND | .08 | UGG | T | | HPH |
| WB | LH19/S | PCB 1232 | ND | .04 | UGG | T | | HPH |
| WB | LH19/S | PCB 1242 | ND | .04 | UGG | T | | HPH |
| WB | LH19/S | PCB 1248 | ND | .04 | UGG | T | | HPH |
| WB | LH19/S | PCB 1254 | ND | .04 | UGG | T | | HPH |
| WB | LH19/S | PCB 1260 | ND | .04 | UGG | T | | HPH |
| WB | LH19/S | Toxaphene | ND | .2 | UGG | T | | HPH |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .0033 | UGG | | | HPH |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .0033 | UGG | | | HPH |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .0033 | UGG | | | HPH |
| WB | 8080/S | Aldrin | ND | .0017 | UGG | | | HPH |
| WB | 8080/S | alpha-Benzene hexachloride | ND | .0017 | UGG | | | HPH |
| WB | 8080/S | alpha-Chlordane | ND | .0017 | UGG | | | HPH |
| WB | 8080/S | beta-Benzene hexachloride | ND | .0017 | UGG | | | HPH |
| WB | 8080/S | delta-Benzene hexachloride | ND | .0017 | UGG | | | HPH |
| WB | 8080/S | Dieldrin | ND | .0033 | UGG | | | HPH |
| WB | 8080/S | Endosulfan I | ND | .0017 | UGG | | | HPH |
| WB | 8080/S | Endosulfan II | ND | .0033 | UGG | | | HPH |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|---|---------------|-------|--------------|---------------|---------------|---------------|
| WB | 8080/S | Endosulfan sulfate | ND | .0033 | UGG | | | HPI |
| WB | 8080/S | Endrin | ND | .0033 | UGG | | | HPI |
| WB | 8080/S | Endrin | ND | .0033 | UGG | | | HPI |
| WB | 8080/S | ENDRNK | ND | .0033 | UGG | | | HPI |
| WB | 8080/S | gamma-Chlordane | ND | .0017 | UGG | | | HPI |
| WB | 8080/S | Heptachlor | ND | .0017 | UGG | | | HPI |
| WB | 8080/S | Heptachlor epoxide | ND | .0017 | UGG | | | HPI |
| WB | 8080/S | Lindane | ND | .0017 | UGG | | | HPI |
| WB | 8080/S | Methoxychlor | ND | .017 | UGG | | | HPI |
| WB | 8080/S | PCB 1016 | ND | .033 | UGG | | | HPI |
| WB | 8080/S | PCB 1221 | ND | .067 | UGG | | | HPI |
| WB | 8080/S | PCB 1232 | ND | .033 | UGG | | | HPI |
| WB | 8080/S | PCB 1242 | ND | .033 | UGG | | | HPI |
| WB | 8080/S | PCB 1248 | ND | .033 | UGG | | | HPI |
| WB | 8080/S | PCB 1254 | ND | .033 | UGG | | | HPI |
| WB | 8080/S | PCB 1260 | ND | .033 | UGG | | | HPI |
| WB | 8080/S | Toxaphene | ND | .17 | UGG | | | HPI |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0096 | UGG | | | HPJ |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0112 | UGG | | | HPJ |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0142 | UGG | | | HPJ |
| WB | LH19/S | Aldrin | LT | .013 | UGG | | | HPJ |
| WB | LH19/S | alpha-Benzene hexachloride | LT | .0025 | UGG | | | HPJ |
| WB | LH19/S | alpha-Chlordane | LT | .004 | UGG | | | HPJ |
| WB | LH19/S | beta-Benzene hexachloride | LT | .0054 | UGG | | | HPJ |
| WB | LH19/S | della-Benzene hexachloride | LT | .0228 | UGG | | | HPJ |
| WB | LH19/S | Dieldrin | LT | .0078 | UGG | | | HPJ |
| WB | LH19/S | Endosulfan I | LT | .0047 | UGG | | | HPJ |
| WB | LH19/S | Endosulfan II | LT | .0071 | UGG | | | HPJ |
| WB | LH19/S | Endosulfan sulfate | LT | .013 | UGG | | | HPJ |
| WB | LH19/S | Endrin | LT | .0111 | UGG | | | HPJ |
| WB | LH19/S | Endrin | LT | .0276 | UGG | | | HPJ |
| WB | LH19/S | ENDRNK | LT | .0061 | UGG | | | HPJ |
| WB | LH19/S | gamma-Chlordane | LT | .0214 | UGG | | | HPJ |
| WB | LH19/S | Heptachlor | LT | .0096 | UGG | | | HPJ |
| WB | LH19/S | Heptachlor epoxide | LT | .0039 | UGG | | | HPJ |
| WB | LH19/S | Lindane | LT | .02 | UGG | | | HPJ |
| WB | LH19/S | Methoxychlor | LT | .211 | UGG | | | HPJ |
| WB | LH19/S | PCB 1016 | ND | .04 | UGG | T | | HPJ |
| WB | LH19/S | PCB 1221 | ND | .08 | UGG | T | | HPJ |
| WB | LH19/S | PCB 1232 | ND | .04 | UGG | T | | HPJ |
| WB | LH19/S | PCB 1242 | ND | .04 | UGG | T | | HPJ |
| WB | LH19/S | PCB 1248 | ND | .04 | UGG | T | | HPJ |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LH19/S | PCB 1254 | ND | .04 | UGG | T | | HPJ |
| WB | LH19/S | PCB 1260 | ND | .04 | UGG | T | | HPJ |
| WB | LH19/S | Toxaphene | ND | .2 | UGG | T | | HPJ |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0096 | UGG | | | HPK |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0112 | UGG | | | HPK |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0142 | UGG | | | HPK |
| WB | LH19/S | Aldrin | LT | .013 | UGG | | | HPK |
| WB | LH19/S | alpha-Benzene hexachloride | LT | .0025 | UGG | | | HPK |
| WB | LH19/S | alpha-Chlordane | LT | .004 | UGG | | | HPK |
| WB | LH19/S | beta-Benzene hexachloride | LT | .0054 | UGG | | | HPK |
| WB | LH19/S | delta-Benzene hexachloride | LT | .0228 | UGG | | | HPK |
| WB | LH19/S | Dieldrin | LT | .0078 | UGG | | | HPK |
| WB | LH19/S | Endosulfan I | LT | .0047 | UGG | | | HPK |
| WB | LH19/S | Endosulfan II | LT | .0071 | UGG | | | HPK |
| WB | LH19/S | Endosulfan sulfate | LT | .013 | UGG | | | HPK |
| WB | LH19/S | Endrin | LT | .0111 | UGG | | | HPK |
| WB | LH19/S | Endrin | LT | .0276 | UGG | | | HPK |
| WB | LH19/S | ENDRNK | LT | .0061 | UGG | | | HPK |
| WB | LH19/S | gamma-Chlordane | LT | .0214 | UGG | | | HPK |
| WB | LH19/S | Heptachlor | LT | .0096 | UGG | | | HPK |
| WB | LH19/S | Heptachlor epoxide | LT | .0039 | UGG | | | HPK |
| WB | LH19/S | Lindane | LT | .02 | UGG | | | HPK |
| WB | LH19/S | Methoxychlor | LT | .211 | UGG | | | HPK |
| WB | LH19/S | PCB 1016 | ND | .04 | UGG | T | | HPK |
| WB | LH19/S | PCB 1221 | ND | .08 | UGG | T | | HPK |
| WB | LH19/S | PCB 1232 | ND | .04 | UGG | T | | HPK |
| WB | LH19/S | PCB 1242 | ND | .04 | UGG | T | | HPK |
| WB | LH19/S | PCB 1248 | ND | .04 | UGG | T | | HPK |
| WB | LH19/S | PCB 1254 | ND | .04 | UGG | T | | HPK |
| WB | LH19/S | PCB 1260 | ND | .04 | UGG | T | | HPK |
| WB | LH19/S | Toxaphene | ND | .2 | UGG | T | | HPK |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0096 | UGG | | | HPL |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0112 | UGG | | | HPL |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0142 | UGG | | | HPL |
| WB | LH19/S | Aldrin | LT | .013 | UGG | | | HPL |
| WB | LH19/S | alpha-Benzene hexachloride | LT | .0025 | UGG | | | HPL |
| WB | LH19/S | alpha-Chlordane | LT | .004 | UGG | | | HPL |
| WB | LH19/S | beta-Benzene hexachloride | LT | .0054 | UGG | | | HPL |
| WB | LH19/S | delta-Benzene hexachloride | LT | .0228 | UGG | | | HPL |
| WB | LH19/S | Dieldrin | LT | .0078 | UGG | | | HPL |
| WB | LH19/S | Endosulfan I | LT | .0047 | UGG | | | HPL |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LH19/S | Endosulfan II | LT | .0178 | UGG | | | HPL |
| WB | LH19/S | Endosulfan sulfate | LT | .013 | UGG | | | HPL |
| WB | LH19/S | Endrin | LT | .0111 | UGG | | | HPL |
| WB | LH19/S | Endrin | LT | .0276 | UGG | | | HPL |
| WB | LH19/S | ENDRNK | LT | .0061 | UGG | | | HPL |
| WB | LH19/S | gamma-Chlordane | LT | .0214 | UGG | | | HPL |
| WB | LH19/S | Heptachlor | LT | .0096 | UGG | | | HPL |
| WB | LH19/S | Heptachlor epoxide | LT | .0315 | UGG | | | HPL |
| WB | LH19/S | Lindane | LT | .02 | UGG | | | HPL |
| WB | LH19/S | Methoxychlor | LT | .211 | UGG | | | HPL |
| WB | LH19/S | PCB 1016 | ND | .04 | UGG | T | | HPL |
| WB | LH19/S | PCB 1221 | ND | .08 | UGG | T | | HPL |
| WB | LH19/S | PCB 1232 | ND | .04 | UGG | T | | HPL |
| WB | LH19/S | PCB 1242 | ND | .04 | UGG | T | | HPL |
| WB | LH19/S | PCB 1248 | ND | .04 | UGG | T | | HPL |
| WB | LH19/S | PCB 1254 | ND | .04 | UGG | T | | HPL |
| WB | LH19/S | PCB 1260 | ND | .04 | UGG | T | | HPL |
| WB | LH19/S | Toxaphene | ND | .2 | UGG | T | | HPL |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0096 | UGG | | | HPN |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0112 | UGG | | | HPN |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0142 | UGG | | | HPN |
| WB | LH19/S | Aldrin | LT | .013 | UGG | | | HPN |
| WB | LH19/S | alpha-Benzene hexachloride | LT | .0025 | UGG | | | HPN |
| WB | LH19/S | alpha-Chlordane | LT | .004 | UGG | | | HPN |
| WB | LH19/S | beta-Benzene hexachloride | LT | .0054 | UGG | | | HPN |
| WB | LH19/S | delta-Benzene hexachloride | LT | .0228 | UGG | | | HPN |
| WB | LH19/S | Dieldrin | LT | .0078 | UGG | | | HPN |
| WB | LH19/S | Endosulfan I | LT | .0047 | UGG | | | HPN |
| WB | LH19/S | Endosulfan II | LT | .0071 | UGG | | | HPN |
| WB | LH19/S | Endosulfan sulfate | LT | .013 | UGG | | | HPN |
| WB | LH19/S | Endrin | LT | .0111 | UGG | | | HPN |
| WB | LH19/S | Endrin | LT | .0276 | UGG | | | HPN |
| WB | LH19/S | ENDRNK | LT | .0061 | UGG | | | HPN |
| WB | LH19/S | gamma-Chlordane | LT | .0214 | UGG | | | HPN |
| WB | LH19/S | Heptachlor | LT | .0096 | UGG | | | HPN |
| WB | LH19/S | Heptachlor epoxide | LT | .0039 | UGG | | | HPN |
| WB | LH19/S | Lindane | LT | .02 | UGG | | | HPN |
| WB | LH19/S | Methoxychlor | LT | .211 | UGG | | | HPN |
| WB | LH19/S | PCB 1016 | ND | .04 | UGG | T | | HPN |
| WB | LH19/S | PCB 1221 | ND | .08 | UGG | T | | HPN |
| WB | LH19/S | PCB 1232 | ND | .04 | UGG | T | | HPN |
| WB | LH19/S | PCB 1242 | ND | .04 | UGG | T | | HPN |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LH19/S | PCB 1248 | ND | .04 | UGG | T | | HPN |
| WB | LH19/S | PCB 1254 | ND | .04 | UGG | T | | HPN |
| WB | LH19/S | PCB 1260 | ND | .04 | UGG | T | | HPN |
| WB | LH19/S | Toxaphene | ND | .2 | UGG | T | | HPN |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .0033 | UGG | | | HPN |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .0033 | UGG | | | HPN |
| WB | 8080/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | ND | .0033 | UGG | | | HPN |
| WB | 8080/S | Aldrin | ND | .0017 | UGG | | | HPN |
| WB | 8080/S | alpha-Benzene hexachloride | ND | .0017 | UGG | | | HPN |
| WB | 8080/S | beta-Benzene hexachloride | ND | .0017 | UGG | | | HPN |
| WB | 8080/S | CLDAN | ND | .067 | UGG | | | HPN |
| WB | 8080/S | delta-Benzene hexachloride | ND | .0017 | UGG | | | HPN |
| WB | 8080/S | Dieldrin | ND | .0033 | UGG | | | HPN |
| WB | 8080/S | Endosulfan I | ND | .0017 | UGG | | | HPN |
| WB | 8080/S | Endosulfan II | ND | .0033 | UGG | | | HPN |
| WB | 8080/S | Endosulfan sulfate | ND | .0033 | UGG | | | HPN |
| WB | 8080/S | Endrin | ND | .0033 | UGG | | | HPN |
| WB | 8080/S | Endrin | ND | .0033 | UGG | | | HPN |
| WB | 8080/S | Heptachlor | ND | .0017 | UGG | | | HPN |
| WB | 8080/S | Heptachlor epoxide | ND | .0017 | UGG | | | HPN |
| WB | 8080/S | Lindane | ND | .0017 | UGG | | | HPN |
| WB | 8080/S | Methoxychlor | ND | .017 | UGG | | | HPN |
| WB | 8080/S | PCB 1016 | ND | .033 | UGG | | | HPN |
| WB | 8080/S | PCB 1221 | ND | .067 | UGG | | | HPN |
| WB | 8080/S | PCB 1232 | ND | .033 | UGG | | | HPN |
| WB | 8080/S | PCB 1242 | ND | .033 | UGG | | | HPN |
| WB | 8080/S | PCB 1248 | ND | .033 | UGG | | | HPN |
| WB | 8080/S | PCB 1254 | ND | .033 | UGG | | | HPN |
| WB | 8080/S | PCB 1260 | ND | .033 | UGG | | | HPN |
| WB | 8080/S | Toxaphene | ND | .017 | UGG | | | HPN |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0096 | UGG | | | HPR |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0112 | UGG | | | HPR |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0142 | UGG | | | HPR |
| WB | LH19/S | Aldrin | LT | .013 | UGG | | | HPR |
| WB | LH19/S | alpha-Benzene hexachloride | LT | .0025 | UGG | | | HPR |
| WB | LH19/S | alpha-Chlordane | LT | .004 | UGG | | | HPR |
| WB | LH19/S | beta-Benzene hexachloride | LT | .0054 | UGG | | | HPR |
| WB | LH19/S | delta-Benzene hexachloride | LT | .0228 | UGG | | | HPR |
| WB | LH19/S | Dieldrin | LT | .0078 | UGG | | | HPR |
| WB | LH19/S | Endosulfan I | LT | .0047 | UGG | | | HPR |
| WB | LH19/S | Endosulfan II | LT | .0071 | UGG | | | HPR |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LH19/S | Endosulfan sulfate | LT | .013 | UGG | | | IPR |
| WB | LH19/S | Endrin | LT | .0111 | UGG | | | IPR |
| WB | LH19/S | Endrin | LT | .0276 | UGG | | | IPR |
| WB | LH19/S | ENDRNK | LT | .0061 | UGG | | | IPR |
| WB | LH19/S | gamma-Chlordane | LT | .0214 | UGG | | | IPR |
| WB | LH19/S | Heptachlor | LT | .0096 | UGG | | | IPR |
| WB | LH19/S | Heptachlor epoxide | LT | .0039 | UGG | | | IPR |
| WB | LH19/S | Lindane | LT | .02 | UGG | | | IPR |
| WB | LH19/S | Methoxychlor | LT | .211 | UGG | | | IPR |
| WB | LH19/S | PCB 1016 | ND | .04 | UGG | T | | IPR |
| WB | LH19/S | PCB 1221 | ND | .08 | UGG | T | | IPR |
| WB | LH19/S | PCB 1232 | ND | .04 | UGG | T | | IPR |
| WB | LH19/S | PCB 1242 | ND | .04 | UGG | T | | IPR |
| WB | LH19/S | PCB 1248 | ND | .04 | UGG | T | | IPR |
| WB | LH19/S | PCB 1254 | ND | .04 | UGG | T | | IPR |
| WB | LH19/S | PCB 1260 | ND | .04 | UGG | T | | IPR |
| WB | LH19/S | Toxaphene | ND | .2 | UGG | T | | IPR |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0096 | UGG | | | HPT |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0112 | UGG | | | HPT |
| WB | LH19/S | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0142 | UGG | | | HPT |
| WB | LH19/S | Aldrin | LT | .013 | UGG | | | HPT |
| WB | LH19/S | alpha-Benzene hexachloride | LT | .0025 | UGG | | | HPT |
| WB | LH19/S | alpha-Chlordane | LT | .004 | UGG | | | HPT |
| WB | LH19/S | beta-Benzene hexachloride | LT | .0054 | UGG | | | HPT |
| WB | LH19/S | delta-Benzene hexachloride | LT | .0228 | UGG | | | HPT |
| WB | LH19/S | Dieldrin | LT | .0078 | UGG | | | HPT |
| WB | LH19/S | Endosulfan I | LT | .0047 | UGG | | | HPT |
| WB | LH19/S | Endosulfan II | LT | .0071 | UGG | | | HPT |
| WB | LH19/S | Endosulfan sulfate | LT | .013 | UGG | | | HPT |
| WB | LH19/S | Endrin | LT | .0111 | UGG | | | HPT |
| WB | LH19/S | Endrin | LT | .0276 | UGG | | | HPT |
| WB | LH19/S | ENDRNK | LT | .0061 | UGG | | | HPT |
| WB | LH19/S | gamma-Chlordane | LT | .0214 | UGG | | | HPT |
| WB | LH19/S | Heptachlor | LT | .0096 | UGG | | | HPT |
| WB | LH19/S | Heptachlor epoxide | LT | .0039 | UGG | | | HPT |
| WB | LH19/S | Lindane | LT | .02 | UGG | | | HPT |
| WB | LH19/S | Methoxychlor | LT | .211 | UGG | | | HPT |
| WB | LH19/S | PCB 1016 | ND | .04 | UGG | T | | HPT |
| WB | LH19/S | PCB 1221 | ND | .08 | UGG | T | | HPT |
| WB | LH19/S | PCB 1232 | ND | .04 | UGG | T | | HPT |
| WB | LH19/S | PCB 1242 | ND | .04 | UGG | T | | HPT |
| WB | LH19/S | PCB 1248 | ND | .04 | UGG | T | | HPT |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---------------------|---------------|-------|--------------|---------------|---------------|---------------|
| | | | | | | | | |
| WB | LH19/S | PCB 1254 | ND | .04 | UGG | T | | HPT |
| WB | LH19/S | PCB 1260 | ND | .04 | UGG | T | | HPT |
| WB | LH19/S | Toxaphene | ND | .2 | UGG | T | | HPT |
| WB | JS14/S | Antimony | LT | 82.9 | UGG | | | HRA |
| WB | JS14/S | Barium | LT | 4.87 | UGG | | I | HRA |
| WB | JS14/S | Cadmium | LT | .427 | UGG | | | HRA |
| WB | JS14/S | Chromium (Total) | LT | .974 | UGG | | | HRA |
| WB | JS14/S | Cobalt | LT | 2.5 | UGG | | | HRA |
| WB | JS14/S | Copper | LT | 3.38 | UGG | | | HRA |
| WB | JS14/S | Lead | LT | 10 | UGG | | | HRA |
| WB | JS14/S | Molybdenum | LT | 4 | UGG | | | HRA |
| WB | JS14/S | Nickel | LT | 7.5 | UGG | | | HRA |
| WB | JS14/S | Selenium | LT | 12.4 | UGG | | | HRA |
| WB | JS14/S | Thallium | LT | 12.5 | UGG | | J | HRA |
| WB | JS14/S | Zinc | LT | 4 | UGG | | | HRA |
| WB | JS14/S | Antimony | LT | 82.9 | UGG | | | HRB |
| WB | JS14/S | Barium | LT | 4.87 | UGG | | | HRB |
| WB | JS14/S | Cadmium | LT | .427 | UGG | | | HRB |
| WB | JS14/S | Chromium (Total) | LT | .974 | UGG | | | HRB |
| WB | JS14/S | Cobalt | LT | 2.5 | UGG | | | HRB |
| WB | JS14/S | Copper | LT | 3.38 | UGG | | | HRB |
| WB | JS14/S | Lead | LT | 10 | UGG | | | HRB |
| WB | JS14/S | Molybdenum | LT | 4 | UGG | | | HRB |
| WB | JS14/S | Nickel | LT | 7.5 | UGG | | | HRB |
| WB | JS14/S | Selenium | LT | 12.4 | UGG | | | HRB |
| WB | JS14/S | Thallium | LT | 12.5 | UGG | | J | HRB |
| WB | JS14/S | Zinc | LT | 4 | UGG | | | HRB |
| WB | JS14/S | Antimony | LT | 82.9 | UGG | | | HRD |
| WB | JS14/S | Barium | LT | 4.87 | UGG | | | HRD |
| WB | JS14/S | Cadmium | LT | .427 | UGG | | | HRD |
| WB | JS14/S | Chromium (Total) | LT | .974 | UGG | | I | HRD |
| WB | JS14/S | Cobalt | LT | 2.5 | UGG | | | HRD |
| WB | JS14/S | Copper | LT | 3.38 | UGG | | | HRD |
| WB | JS14/S | Lead | LT | 10 | UGG | | | HRD |
| WB | JS14/S | Molybdenum | LT | 4 | UGG | | | HRD |
| WB | JS14/S | Nickel | LT | 7.5 | UGG | | | HRD |
| WB | JS14/S | Selenium | LT | 12.4 | UGG | | | HRD |
| WB | JS14/S | Thallium | LT | 12.5 | UGG | | | HRD |
| WB | JS14/S | Zinc | LT | 4 | UGG | | | HRD |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|----------------|----------------------------|------------|-------|-----------|------------|------------|------------|
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HSA |
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HISB |
| WB | KY04/S | Cyanide (as free Cyanide) | LT | 1.22 | UGG | | | HISC |
| WB | JB06/S | Mercury | LT | .087 | UGG | | | ITTB |
| WB | LM30/S | 1,2,4-Trichlorobenzene | LT | .29 | UGG | | | HUA |
| WB | LM30/S | 1,2-Dichlorobenzene | LT | .32 | UGG | | | HUA |
| WB | LM30/S | 1,3-Dichlorobenzene | LT | .58 | UGG | | | HUA |
| WB | LM30/S | 1,4-Dichlorobenzene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | 2,4,5-Trichlorophenol | LT | .24 | UGG | | | HUA |
| WB | LM30/S | 2,4,6-Trichlorophenol | LT | .3 | UGG | | | HUA |
| WB | LM30/S | 2,4-Dichlorophenol | LT | .28 | UGG | | | HUA |
| WB | LM30/S | 2,4-Dimethylphenol | LT | .33 | UGG | | | HUA |
| WB | LM30/S | 2,4-Dinitrophenol | LT | 3.1 | UGG | | | HUA |
| WB | LM30/S | 2,4-Dinitrotoluene | ND | .31 | UGG | R | | HUA |
| WB | LM30/S | 2,6-Dinitrotoluene | LT | .2 | UGG | | | HUA |
| WB | LM30/S | 2-Chlorophenol | LT | .17 | UGG | | | HUA |
| WB | LM30/S | 2-Methyl-4,6-dinitrophenol | LT | .84 | UGG | | | HUA |
| WB | LM30/S | 2-Methylnaphthalene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | 2-Methylphenol | LT | .17 | UGG | | | HUA |
| WB | LM30/S | 2-Nitroaniline | LT | .36 | UGG | | | HUA |
| WB | LM30/S | 2-Nitrophenol | LT | .26 | UGG | | | HUA |
| WB | LM30/S | 3,3'-Dichlorobenzidine | ND | 3.6 | UGG | R | | HUA |
| WB | LM30/S | 3-Nitroaniline | ND | 1.7 | UGG | R | | HUA |
| WB | LM30/S | 4-Bromophenyl phenyl ether | LT | .17 | UGG | | | HUA |
| WB | LM30/S | 4-Chloro-3-cresol | LT | .23 | UGG | | | HUA |
| WB | LM30/S | 4-Chloroaniline | ND | .33 | UGG | R | | HUA |
| WB | LM30/S | 4-Chlorophenylphenyl Ether | LT | .2 | UGG | | | HUA |
| WB | LM30/S | 4-Methylphenol | LT | .18 | UGG | | | HUA |
| WB | LM30/S | 4-Nitroaniline | ND | 2.6 | UGG | R | | HUA |
| WB | LM30/S | 4-Nitrophenol | LT | 2.5 | UGG | | | HUA |
| WB | LM30/S | Acenaphthene | LT | .27 | UGG | | | HUA |
| WB | LM30/S | Acenaphthylene | LT | .27 | UGG | | | HUA |
| WB | LM30/S | Anthracene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | B2CIPE | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Benzo(a)anthracene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Benzo(a)pyrene | LT | .24 | UGG | | | HUA |
| WB | LM30/S | Benzo(g,h,i)perylene | LT | .25 | UGG | | | HUA |
| WB | LM30/S | Benzo(k)fluoranthene | LT | .4 | UGG | | | HUA |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|-----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | LM30/S | Benzoic acid | LT | .92 | UGG | | | HUA |
| WB | LM30/S | Benzopyrene | LT | .73 | UGG | | | HUA |
| WB | LM30/S | Benzyl Alcohol | LT | .17 | UGG | | | HUA |
| WB | LM30/S | beta-Chloronaphthalene | LT | .33 | UGG | | | HUA |
| WB | LM30/S | Bis(2-chloroethoxy) methane | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Bis(2-chloroethyl) ether | LT | 1.6 | UGG | | | HUA |
| WB | LM30/S | Bis(2-ethylhexyl) phthalate | LT | .19 | UGG | | | HUA |
| WB | LM30/S | Butyl benzyl phthalate | LT | .2 | UGG | | | HUA |
| WB | LM30/S | Chrysene | LT | .27 | UGG | | | HUA |
| WB | LM30/S | Di-n-butyl phthalate | LT | .51 | UGG | | | HUA |
| WB | LM30/S | Di-n-octyl phthalate | LT | .22 | UGG | | | HUA |
| WB | LM30/S | Dibenz(a,h)anthracene | LT | .27 | UGG | | | HUA |
| WB | LM30/S | Dibenzofuran | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Diethyl phthalate | LT | .35 | UGG | | | HUA |
| WB | LM30/S | Dimethyl phthalate | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Fluoranthene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Fluorene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Hexachlorobenzene | LT | .26 | UGG | | | HUA |
| WB | LM30/S | Hexachlorobutadiene | LT | .28 | UGG | | | HUA |
| WB | LM30/S | Hexachlorocyclopentadiene | LT | 1.8 | UGG | | | HUA |
| WB | LM30/S | Hexachloroethane | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Indeno(1,2,3-c,d)pyrene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Isophorone | LT | .32 | UGG | | | HUA |
| WB | LM30/S | N-Nitrosodi-n-propylamine | LT | 1.1 | UGG | | | HUA |
| WB | LM30/S | N-Nitrosodiphenylamine | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Naphthalene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Nitrobenzene | LT | .19 | UGG | | | HUA |
| WB | LM30/S | Pentachlorophenol | LT | .48 | UGG | | | HUA |
| WB | LM30/S | Phenanthrene | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Phenol | LT | .17 | UGG | | | HUA |
| WB | LM30/S | Pyrene | LT | .97 | UGG | | | HUA |
| WB | LM30/S | UNK531 | | .2 | UGG | S | | HUA |
| WB | LM30/S | UNK533 | | .6 | UGG | S | | HUA |
| WB | LM30/S | UNK537 | | 20 | UGG | S | | HUA |
| WB | LM30/S | UNK538 | | .2 | UGG | S | | HUA |
| WB | LM30/S | UNK544 | | .1 | UGG | S | | HUA |
| WB | LM30/S | UNK547 | | .09 | UGG | S | | HUA |
| WB | SB07/W | Mercury | LT | .74 | UGL | | | IJP |
| WB | SB07/W | Mercury | LT | .74 | UGL | | | UT |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|--------|--------------|---------------|---------------|---------------|
| WB | SB07/W | Mercury | LT | .74 | UGL | | | ITU |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .1 | UGL | | | ILP |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .1 | UGL | | | ILP |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | ND | .1 | UGL | | | ILP |
| WB | 8080/W | Aldrin | ND | .05 | UGL | | | ILP |
| WB | 8080/W | alpha-Benzene hexachloride | ND | .05 | UGL | | | ILP |
| WB | 8080/W | alpha-Chlordane | ND | .05 | UGL | | | ILP |
| WB | 8080/W | beta-Benzene hexachloride | ND | .05 | UGL | | | ILP |
| WB | 8080/W | delta-Benzene hexachloride | ND | .05 | UGL | | | ILP |
| WB | 8080/W | Dieldrin | ND | .1 | UGL | | | ILP |
| WB | 8080/W | Endosulfan I | ND | .05 | UGL | | | ILP |
| WB | 8080/W | Endosulfan II | ND | .1 | UGL | | | ILP |
| WB | 8080/W | Endosulfan sulfate | ND | .1 | UGL | | | ILP |
| WB | 8080/W | Endrin | ND | .1 | UGL | | | ILP |
| WB | 8080/W | Endrin | ND | .1 | UGL | | | ILP |
| WB | 8080/W | ENDRNK | ND | .1 | UGL | | | ILP |
| WB | 8080/W | gamma-Chlordane | ND | .05 | UGL | | | ILP |
| WB | 8080/W | Heptachlor | ND | .05 | UGL | | | ILP |
| WB | 8080/W | Heptachlor epoxide | ND | .05 | UGL | | | ILP |
| WB | 8080/W | Lindane | ND | .05 | UGL | | | ILP |
| WB | 8080/W | Methoxychlor | ND | .5 | UGL | | | ILP |
| WB | 8080/W | PCB 1016 | ND | 1 | UGL | | | ILP |
| WB | 8080/W | PCB 1221 | ND | 2 | UGL | | | ILP |
| WB | 8080/W | PCB 1232 | ND | 1 | UGL | | | ILP |
| WB | 8080/W | PCB 1242 | ND | 1 | UGL | | | ILP |
| WB | 8080/W | PCB 1248 | ND | 1 | UGL | | | ILP |
| WB | 8080/W | PCB 1254 | ND | 1 | UGL | | | ILP |
| WB | 8080/W | PCB 1260 | ND | 1 | UGL | | | ILP |
| WB | 8080/W | Toxaphene | ND | 5 | UGL | | | ILP |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | | ILQ |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | ILQ |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | | ILQ |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | ILQ |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | ILQ |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | ILQ |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | ILQ |
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | ILQ |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | | | ILQ |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | | | ILQ |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | | | ILQ |
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | | | ILQ |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Mcas. Bool | Conc. | Unit Mcas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UH21/W | Endrin | LT | .0372 | UGL | | | ILQ |
| WB | UH21/W | Endrin | LT | .0697 | UGL | | | ILQ |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | | | ILQ |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | | ILQ |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | | ILQ |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | | | ILQ |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | | ILQ |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | ILQ |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | ILQ |
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | ILQ |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | ILQ |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | ILQ |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | ILQ |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | ILQ |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | ILQ |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | ILQ |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .1 | UGL | | | ILR |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .1 | UGL | | | ILR |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | ND | .1 | UGL | | | ILR |
| WB | 8080/W | Aldrin | ND | .05 | UGL | | | ILR |
| WB | 8080/W | alpha-Benzene hexachloride | ND | .05 | UGL | | | ILR |
| WB | 8080/W | alpha-Chlordane | ND | .05 | UGL | | | ILR |
| WB | 8080/W | beta-Benzene hexachloride | ND | .05 | UGL | | | ILR |
| WB | 8080/W | delta-Benzene hexachloride | ND | .05 | UGL | | | ILR |
| WB | 8080/W | Dieldrin | ND | .1 | UGL | | | ILR |
| WB | 8080/W | Endosulfan I | ND | .05 | UGL | | | ILR |
| WB | 8080/W | Endosulfan II | ND | .1 | UGL | | | ILR |
| WB | 8080/W | Endosulfan sulfate | ND | .1 | UGL | | | ILR |
| WB | 8080/W | Endrin | ND | .1 | UGL | | | ILR |
| WB | 8080/W | Endrin | ND | .1 | UGL | | | ILR |
| WB | 8080/W | ENDRNK | ND | .1 | UGL | | | ILR |
| WB | 8080/W | gamma-Chlordane | ND | .05 | UGL | | | ILR |
| WB | 8080/W | Heptachlor | ND | .05 | UGL | | | ILR |
| WB | 8080/W | Heptachlor epoxide | ND | .05 | UGL | | | ILR |
| WB | 8080/W | Lindane | ND | .05 | UGL | | | ILR |
| WB | 8080/W | Methoxychlor | ND | .5 | UGL | | | ILR |
| WB | 8080/W | PCB 1016 | ND | .1 | UGL | | | ILR |
| WB | 8080/W | PCB 1221 | ND | .2 | UGL | | | ILR |
| WB | 8080/W | PCB 1232 | ND | .1 | UGL | | | ILR |
| WB | 8080/W | PCB 1242 | ND | .1 | UGL | | | ILR |
| WB | 8080/W | PCB 1248 | ND | .1 | UGL | | | ILR |
| WB | 8080/W | PCB 1254 | ND | .1 | UGL | | | ILR |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|----------------|---|------------|--------|-----------|------------|------------|------------|
| WB | 8080/W | PCB 1260 | ND | 1 | UGL | | | ILR |
| WB | 8080/W | Toxaphene | ND | 5 | UGL | | | ILR |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | | ILS |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | ILS |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | | ILS |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | ILS |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | ILS |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | ILS |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | ILS |
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | ILS |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | | | ILS |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | | | ILS |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | | | ILS |
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | | | ILS |
| WB | UH21/W | Endrin | LT | .0372 | UGL | | | ILS |
| WB | UH21/W | Endrin | LT | .0697 | UGL | | | ILS |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | | | ILS |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | | ILS |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | | ILS |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | | | ILS |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | | ILS |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | ILS |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | ILS |
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | ILS |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | ILS |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | ILS |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | ILS |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | ILS |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | ILS |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | ILS |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | J | ILT |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | ILT |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | | ILT |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | ILT |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | ILT |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | ILT |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | ILT |
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | ILT |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | | J | ILT |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | | JN | ILT |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | | | ILT |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Mcas. Bool | Conc. | Unit Mcas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | | | ILT |
| WB | UH21/W | Endrin | LT | .0372 | UGL | | | ILT |
| WB | UH21/W | Endrin | LT | .0697 | UGL | | | ILT |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | | | ILT |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | J | ILT |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | | ILT |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | | | ILT |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | J | ILT |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | ILT |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | ILT |
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | ILT |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | ILT |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | ILT |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | ILT |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | ILT |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | ILT |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | ILT |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .1 | UGL | | | ILU |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .1 | UGL | | | ILU |
| WB | 8080/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .1 | UGL | | | ILU |
| WB | 8080/W | Aldrin | ND | .05 | UGL | | | ILU |
| WB | 8080/W | alpha-Benzene hexachloride | ND | .05 | UGL | | | ILU |
| WB | 8080/W | beta-Benzene hexachloride | ND | .05 | UGL | | | ILU |
| WB | 8080/W | CLDAN | ND | .2 | UGL | | | ILU |
| WB | 8080/W | delta-Benzene hexachloride | ND | .05 | UGL | | | ILU |
| WB | 8080/W | Dieldrin | ND | .1 | UGL | | | ILU |
| WB | 8080/W | Endosulfan I | ND | .05 | UGL | | | ILU |
| WB | 8080/W | Endosulfan II | ND | .1 | UGL | | | ILU |
| WB | 8080/W | Endosulfan sulfate | ND | .1 | UGL | | | ILU |
| WB | 8080/W | Endrin | ND | .1 | UGL | | | ILU |
| WB | 8080/W | Endrin | ND | .1 | UGL | | | ILU |
| WB | 8080/W | Heptachlor | ND | .05 | UGL | | | ILU |
| WB | 8080/W | Heptachlor epoxide | ND | .05 | UGL | | | ILU |
| WB | 8080/W | Lindane | ND | .05 | UGL | | | ILU |
| WB | 8080/W | Methoxychlor | ND | .5 | UGL | | | ILU |
| WB | 8080/W | PCB 1016 | ND | .1 | UGL | | | ILU |
| WB | 8080/W | PCB 1221 | ND | .1 | UGL | | | ILU |
| WB | 8080/W | PCB 1232 | ND | .1 | UGL | | | ILU |
| WB | 8080/W | PCB 1242 | ND | .1 | UGL | | | ILU |
| WB | 8080/W | PCB 1248 | ND | .1 | UGL | | | ILU |
| WB | 8080/W | PCB 1254 | ND | .1 | UGL | | | ILU |
| WB | 8080/W | PCB 1260 | ND | .1 | UGL | | | ILU |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|--------|--------------|---------------|---------------|---------------|
| WB | 8080/W | Toxaphene | ND | 5 | UGL | | | ILU |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | | ILV |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | ILV |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | | ILV |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | ILV |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | ILV |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | ILV |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | ILV |
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | ILV |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | | | ILV |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | | | ILV |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | | | ILV |
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | | | ILV |
| WB | UH21/W | Endrin | LT | .0372 | UGL | | | ILV |
| WB | UH21/W | Endrin | LT | .0697 | UGL | | | ILV |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | | | ILV |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | | ILV |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | | ILV |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | | | ILV |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | | ILV |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | ILV |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | ILV |
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | ILV |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | ILV |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | ILV |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | ILV |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | ILV |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | ILV |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | ILV |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | | ILW |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | ILW |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | | ILW |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | ILW |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | ILW |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | ILW |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | ILW |
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | ILW |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | | | ILW |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | | | ILW |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | | | ILW |
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | | | ILW |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UH21/W | Endrin | LT | .0372 | UGL | | | ILW |
| WB | UH21/W | Endrin | LT | .0697 | UGL | | | ILW |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | | | ILW |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | | ILW |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | | ILW |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | | | ILW |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | | ILW |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | ILW |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | ILW |
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | ILW |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | ILW |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | ILW |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | ILW |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | ILW |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | ILW |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | ILW |
| WB | TY03/W | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | | IME |
| WB | TY03/W | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | | IMF |
| WB | TY03/W | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | | IMH |
| WB | TY03/W | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | | IMI |
| WB | TY03/W | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | | IMK |
| WB | TY03/W | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | | IML |
| WB | UM05/W | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 1,1,2-Tetrachloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 1,1-Dichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 1,1-Dichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 1,2-Dichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 1,2-Dichloropropane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 2-Butanone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 2-Hexanone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | Acetone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | Benzene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Bromodichloromethane | ND | 5 | UGL | R | | ING |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|----------------|---------------------------|------------|-------|-----------|------------|------------|------------|
| | | | | | | | | |
| WB | UM05/W | Bromoform | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Bromomethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | C13DCP | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Carbon disulfide | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Carbon tetrachloride | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Chlorobenzene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Chloroethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | Chloroethene | ND | 10 | UGL | R | | ING |
| WB | UM05/W | Chloroform | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Chloromethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Dibromochloromethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Ethylbenzene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Methyl isobutyl ketone | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Methylene chloride | ND | 10 | UGL | R | | ING |
| WB | UM05/W | Styrene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | T13DCP | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Tetrachloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Toluene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Trichloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | Xylenes (total) | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INH |
| WB | UM05/W | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INH |
| WB | UM05/W | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INH |
| WB | UM05/W | 1,1-Dichloroethane | ND | 5 | UGL | R | | INH |
| WB | UM05/W | 1,1-Dichloroethene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | 1,2-Dichloroethane | ND | 5 | UGL | R | | INH |
| WB | UM05/W | 1,2-Dichloropropane | ND | 5 | UGL | R | | INH |
| WB | UM05/W | 2-Butanone | ND | 10 | UGL | R | | INH |
| WB | UM05/W | 2-Hexanone | ND | 10 | UGL | R | | INH |
| WB | UM05/W | Acetone | ND | 10 | UGL | R | | INH |
| WB | UM05/W | Benzene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Bromodichloromethane | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Bromoform | ND | 5 | UGL | R | | INH |
| WB | UM05/W | C13DCP | ND | 10 | UGL | R | | INH |
| WB | UM05/W | Carbon disulfide | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Carbon tetrachloride | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Chlorobenzene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Chloroethane | ND | 10 | UGL | R | | INH |
| WB | UM05/W | Chloroethene | ND | 10 | UGL | R | | INH |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | Chloroform | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Chloromethane | ND | 10 | UGL | R | | INH |
| WB | UM05/W | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Dibromochloromethane | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Ethylbenzene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Methyl isobutyl ketone | ND | 10 | UGL | R | | INH |
| WB | UM05/W | Methylene chloride | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Styrene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | T13DCP | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Tetrachloroethene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Toluene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Trichloroethene | ND | 5 | UGL | R | | INH |
| WB | UM05/W | Xylenes (total) | ND | 5 | UGL | R | | INH |
| WB | UM05/W | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 1,1-Dichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 1,1-Dichloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 1,2-Dichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 1,2-Dichloropropane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 2-Butanone | ND | 10 | UGL | R | | INI |
| WB | UM05/W | 2-Hexanone | ND | 10 | UGL | R | | INI |
| WB | UM05/W | Acetone | ND | 10 | UGL | R | | INI |
| WB | UM05/W | Benzene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Bromodichloromethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Bromoform | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Bromomethane | ND | 10 | UGL | R | | INI |
| WB | UM05/W | C13DCP | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Carbon disulfide | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Carbon tetrachloride | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Chlorobenzene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Chloroethane | ND | 10 | UGL | R | | INI |
| WB | UM05/W | Chloroethene | ND | 10 | UGL | R | | INI |
| WB | UM05/W | Chloroform | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Chloromethane | ND | 10 | UGL | R | | INI |
| WB | UM05/W | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Dibromochloromethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Ethylbenzene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Methyl isobutyl ketone | ND | 10 | UGL | R | | INI |
| WB | UM05/W | Methylene chloride | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Styrene | ND | 5 | UGL | R | | INI |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|----------------|---------------------------|------------|-------|-----------|------------|------------|------------|
| WB | UM05/W | T13DCP | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Tetrachloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Toluene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Trichloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | Xylenes (total) | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 1,1-Dichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 1,1-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 1,2-Dichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 1,2-Dichloropropane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 2-Butanone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 2-Hexanone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | Acetone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | Benzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Bromodichloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Bromoform | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Bromomethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | C13DCP | ND | 10 | UGL | R | | INM |
| WB | UM05/W | Carbon disulfide | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Carbon tetrachloride | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Chlorobenzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Chloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Chloroethene | ND | 10 | UGL | R | | INM |
| WB | UM05/W | Chloroform | ND | 10 | UGL | R | | INM |
| WB | UM05/W | Chloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | cis-1,2-Dichloroethene | ND | 10 | UGL | R | | INM |
| WB | UM05/W | Dibromochloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Ethylbenzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Methyl isobutyl ketone | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Methylene chloride | ND | 10 | UGL | R | | INM |
| WB | UM05/W | Styrene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | T13DCP | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Tetrachloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Toluene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Trichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | UNK077 | ND | 5 | UGL | R | | INM |
| WB | UM05/W | Xylenes (total) | ND | 8 | UGL | S | | INM |
| WB | UM05/W | | ND | 5 | UGL | R | | INM |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 1,1-Dichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 1,1-Dichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 1,2-Dichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 1,2-Dichloropropane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 2-Butanone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 2-Hexanone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | Acetone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | Benzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Bromodichloromethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Bromoform | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Bromomethane | ND | 10 | UGL | R | | INO |
| WB | UM05/W | C13DCP | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Carbon disulfide | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Carbon tetrachloride | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Chlorobenzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Chloroethane | ND | 10 | UGL | R | | INO |
| WB | UM05/W | Chloroethene | ND | 10 | UGL | R | | INO |
| WB | UM05/W | Chloroform | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Chloromethane | ND | 10 | UGL | R | | INO |
| WB | UM05/W | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Dibromochloromethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Ethylbenzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Methyl isobutyl ketone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | Methylene chloride | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Styrene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | T13DCP | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Tetrachloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Toluene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Trichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | Xylenes (total) | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 1,1,2-Tetrachloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 1,1-Dichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 1,1-Dichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 1,2-Dichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 1,2-Dichloropropane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 2-Butanone | ND | 10 | UGL | R | | INP |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Mcas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 2-Hexanone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | Acetone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | Benzene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Bromodichloromethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Bromoform | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Bromomethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | C13DCP | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Carbon disulfide | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Carbon tetrachloride | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Chlorobenzene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Chloroethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | Chloroethene | ND | 10 | UGL | R | | INP |
| WB | UM05/W | Chloroform | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Chloromethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Dibromochloromethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Ethylbenzene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Methyl isobutyl ketone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | Methylene chloride | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Styrene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | T13DCP | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Tetrachloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Toluene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Trichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | Xylenes (total) | ND | 5 | UGL | R | | INP |
| WB | UM06/W | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 1,2-Dichlorobenzene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 1,3-Dichlorobenzene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 1,4-Dichlorobenzene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | | IOC |
| WB | UM06/W | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2,4-Dichlorophenol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2,4-Dimethylphenol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2,4-Dinitrophenol | ND | 50 | UGL | R | | IOC |
| WB | UM06/W | 2,4-Dinitrotoluene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2,6-Dinitrotoluene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2-Chlorophenol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | | IOC |
| WB | UM06/W | 2-Methylnaphthalene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2-Methylphenol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 2-Nitroaniline | ND | 50 | UGL | R | | IOC |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|-----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| | | | | | | | | |
| WB | UM06/W | 2-Nitrophenol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | | IOC |
| WB | UM06/W | 3-Nitroaniline | ND | 50 | UGL | R | | IOC |
| WB | UM06/W | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 4-Chloro-3-cresol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 4-Chloroaniline | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 4-Methylphenol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | 4-Nitroaniline | ND | 50 | UGL | R | | IOC |
| WB | UM06/W | 4-Nitrophenol | ND | 50 | UGL | R | | IOC |
| WB | UM06/W | Acenaphthene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Acenaphthylene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Anthracene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | BzCIPE | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Benzo(a)anthracene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Benzo(a)pyrene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Benzo(g,h,i)perylene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Benzo(k)fluoranthene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Benzoic acid | ND | 50 | UGL | R | | IOC |
| WB | UM06/W | Benzopyrene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Benzyl Alcohol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | beta-Chloronaphthalene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Butyl benzyl phthalate | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Chrysene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Di-n-butyl phthalate | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Di-n-octyl phthalate | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Dibenz(a,h)anthracene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Dibenzofuran | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Diethyl phthalate | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Dimethyl phthalate | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Fluoranthene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Fluorene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Hexachlorobenzene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Hexachlorobutadiene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Hexachlorocyclopentadiene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Hexachloroethane | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Isophorone | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | N-Nitrosodiphenylamine | ND | 10 | UGL | R | | IOC |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Mcas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM06/W | Naphthalene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Nitrobenzene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Pentachlorophenol | ND | 50 | UGL | R | | IOC |
| WB | UM06/W | Phenanthrene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Phenol | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | Pyrene | ND | 10 | UGL | R | | IOC |
| WB | UM06/W | UNK515 | | 10 | UGL | S | | IOC |
| WB | UM06/W | UNK626 | | 8 | UGL | S | | IOC |
| WB | UM06/W | UNK633 | | 7 | UGL | S | | IOC |
| WB | UM06/W | UNK635 | | 6 | UGL | S | | IOC |
| WB | UM06/W | UNK639 | | 10 | UGL | S | | IOC |
| WB | UM06/W | UNK640 | | 5 | UGL | S | | IOC |
| WB | UM06/W | UNK641 | | 5 | UGL | S | | IOC |
| WB | UM06/W | UNK643 | | 4 | UGL | S | | IOC |
| WB | UM06/W | UNK644 | | 4 | UGL | S | | IOC |
| WB | UM06/W | UNK647 | | 8 | UGL | S | | IOC |
| WB | UM06/W | UNK650 | | 8 | UGL | S | | IOC |
| WB | UM06/W | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 1,2-Dichlorobenzene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 1,3-Dichlorobenzene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 1,4-Dichlorobenzene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | | IOD |
| WB | UM06/W | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2,4-Dichlorophenol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2,4-Dimethylphenol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2,4-Dinitrophenol | ND | 50 | UGL | R | | IOD |
| WB | UM06/W | 2,4-Dinitrotoluene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2,6-Dinitrotoluene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2-Chlorophenol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | | IOD |
| WB | UM06/W | 2-Methylnaphthalene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2-Methylphenol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 2-Nitroaniline | ND | 50 | UGL | R | | IOD |
| WB | UM06/W | 2-Nitrophenol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | | IOD |
| WB | UM06/W | 3-Nitroaniline | ND | 50 | UGL | R | | IOD |
| WB | UM06/W | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 4-Chloro-3-cresol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 4-Chloroaniline | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 4-Methylphenol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | 4-Nitroaniline | ND | 50 | UGL | R | | IOD |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|---------------|-----------------------------|------------|-------|-----------|------------|------------|------------|
| WB | UM06/W | 4-Nitrophenol | ND | 50 | UGL | R | | IOD |
| WB | UM06/W | Acenaphthene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Acenaphthylene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Anthracene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | B2CIPE | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Benzo(a)anthracene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Benzo(a)pyrene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Benzo(g,h,i)perylene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Benzo(k)fluoranthene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Benzoic acid | ND | 50 | UGL | R | | IOD |
| WB | UM06/W | Benzopyrene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Benzyl Alcohol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | beta-Chloronaphthalene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Butyl benzyl phthalate | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Chrysene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Di-n-butyl phthalate | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Di-n-octyl phthalate | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Dibenz(a,h)anthracene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Dibenzofuran | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Diethyl phthalate | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Dimethyl phthalate | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Fluoranthene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Fluorene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Hexachlorobenzene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Hexachlorobutadiene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Hexachlorocyclopentadiene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Hexachloroethane | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Isophorone | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | N-Nitrosodiphenylamine | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Naphthalene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Nitrobenzene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Pentachlorophenol | ND | 50 | UGL | R | | IOD |
| WB | UM06/W | Phenanthrene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Phenol | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | Pyrene | ND | 10 | UGL | R | | IOD |
| WB | UM06/W | UNK517 | ND | 40 | UGL | R | | IOD |
| WB | UM06/W | UNK518 | ND | 60 | UGL | R | | IOD |
| WB | UM06/W | UNK526 | ND | 5 | UGL | R | | IOD |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM06/W | UNK534 | | 5 | UGL | | | IOD |
| WB | UM06/W | UNK538 | | 20 | UGL | | | IOD |
| WB | UM06/W | UNK532 | | 6 | UGL | | | IOD |
| WB | UM06/W | UNK534 | | 4 | UGL | | | IOD |
| WB | UM06/W | UNK571 | | 20 | UGL | | | IOD |
| WB | UM06/W | UNK581 | | 7 | UGL | | | IOD |
| WB | UM06/W | UNK588 | | 10 | UGL | | | IOD |
| WB | UM06/W | UNK594 | | 6 | UGL | | | IOD |
| WB | UM06/W | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 1,2-Dichlorobenzene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 1,3-Dichlorobenzene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 1,4-Dichlorobenzene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2,4-Dichlorophenol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2,4-Dimethylphenol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2,4-Dinitrophenol | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | 2,4-Dinitrotoluene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2-Chlorophenol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | 2-Methylnaphthalene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2-Methylphenol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2-Nitroaniline | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 2-Nitrophenol | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | 3,3'-Dichlorobenzidine | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 3-Nitroaniline | ND | 20 | UGL | R | | IOE |
| WB | UM06/W | 4-Bromophenyl phenyl ether | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | 4-Chloro-3-cresol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 4-Chloroaniline | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 4-Methylphenol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | 4-Nitroaniline | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | 4-Nitrophenol | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | Acenaphthene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Acenaphthylene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Anthracene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | B2CIPE | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Benzo(a)anthracene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Benzo(a)pyrene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Benzo(g,h,i)perylene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Benzo(k)fluoranthene | ND | 10 | UGL | R | | IOE |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. | | Unit | Flag | Data | Lot |
|---------------|-------------------|-----------------------------|-------|-------|------|-------|-------|-----|
| | | | Bool | Conc. | | Codes | Quals | |
| WB | UM06/W | Benzoic acid | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | Benzopyrene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Benzyl Alcohol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | beta-Chloronaphthalene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Butyl benzyl phthalate | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Chrysene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Di-n-butyl phthalate | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Di-n-octyl phthalate | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Dibenz(a,h)anthracene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Dibenzofuran | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Diethyl phthalate | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Dimethyl phthalate | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Fluorene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Hexachlorobenzene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Hexachlorobutadiene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Hexachlorocyclopentadiene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Hexachloroethane | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Isophorone | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | N-Nitrosodiphenylamine | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Naphthalene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Nitrobenzene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Pentachlorophenol | ND | 50 | UGL | R | | IOE |
| WB | UM06/W | Phenanthrene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Phenol | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | Pyrene | ND | 10 | UGL | R | | IOE |
| WB | UM06/W | UNK516 | | 30 | UGL | S | | IOE |
| WB | UM06/W | UNK518 | | 200 | UGL | S | | IOE |
| WB | UM06/W | UNK526 | | 6 | UGL | S | | IOE |
| WB | UM06/W | UNK623 | | 20 | UGL | S | | IOE |
| WB | UM06/W | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 1,2-Dichlorobenzene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 1,3-Dichlorobenzene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 1,4-Dichlorobenzene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2,4-Dichlorophenol | ND | 10 | UGL | R | | IOF |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|-----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM06/W | 2,4-Dimethylphenol | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2,4-Dinitrophenol | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | 2,4-Dinitrotoluene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2,6-Dinitrotoluene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2-Chlorophenol | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | 2-Methylnaphthalene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2-Methylphenol | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2-Nitroaniline | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 2-Nitrophenol | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | 3,3'-Dichlorobenzidine | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 3-Nitroaniline | ND | 20 | UGL | R | | IOF |
| WB | UM06/W | 4-Bromophenyl phenyl ether | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | 4-Chloro-3-cresol | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 4-Chloroaniline | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 4-Methylphenol | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 4-Nitroaniline | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | 4-Nitrophenol | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | Acenaphthene | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | Acenaphthylene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Anthracene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | B2CIPE | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Benzo(a)anthracene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Benzo(a)pyrene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Benzo(g,h,i)perylene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Benzo(k)fluoranthene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Benzoic acid | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Benzopyrene | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | Benzyl Alcohol | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | beta-Chloronaphthalene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Butyl benzyl phthalate | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Chrysene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Di-n-butyl phthalate | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Di-n-octyl phthalate | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Dibenz(a,h)anthracene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Dibenzofuran | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Diethyl phthalate | NL | 10 | UGL | R | | IOF |
| WB | UM06/W | Dimethyl phthalate | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Fluoranthene | ND | 10 | UGL | R | | IOF |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Mcas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM06/W | Fluorene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Hexachlorobenzene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Hexachlorobutadiene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Hexachlorocyclopentadiene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Hexachloroethane | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Isophorone | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | N-Nitrosodiphenylamine | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Naphthalene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Nitrobenzene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Pentachlorophenol | ND | 50 | UGL | R | | IOF |
| WB | UM06/W | Phenanthrene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Phenol | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | Pyrene | ND | 10 | UGL | R | | IOF |
| WB | UM06/W | UNK526 | ND | 20 | UGL | S | | IOF |
| WB | UM06/W | UNK534 | ND | 5 | UGL | S | | IOF |
| WB | UM06/W | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 1,2-Dichlorobenzene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 1,3-Dichlorobenzene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 1,4-Dichlorobenzene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | | IOK |
| WB | UM06/W | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2,4-Dichlorophenol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2,4-Dimethylphenol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2,4-Dinitrophenol | ND | 50 | UGL | R | | IOK |
| WB | UM06/W | 2,4-Dinitrotoluene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2,6-Dinitrotoluene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2-Chlorophenol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | | IOK |
| WB | UM06/W | 2-Methylnaphthalene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2-Methylphenol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 2-Nitroaniline | ND | 50 | UGL | R | | IOK |
| WB | UM06/W | 3,3'-Dichlorobenzidine | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 3-Nitroaniline | ND | 20 | UGL | R | | IOK |
| WB | UM06/W | 4-Bromophenyl phenyl ether | ND | 50 | UGL | R | | IOK |
| WB | UM06/W | 4-Chloro-3-cresol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 4-Chloroaniline | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 4-Methylphenol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 4-Nitroaniline | ND | 50 | UGL | R | | IOK |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|-----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM06/W | 4-Nitrophenol | ND | 50 | UGL | R | | IOK |
| WB | UM06/W | Acenaphthene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Acenaphthylene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Anthracene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | B2CIPE | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Benzo(a)anthracene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Benzo(a)pyrene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Benzo(g,h,i)perylene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Benzo(k)fluoranthene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Benzoic acid | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Benzopyrene | ND | 50 | UGL | R | | IOK |
| WB | UM06/W | Benzyl Alcohol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | beta-Chloronaphthalene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Bis(2-chloroethyl) ether | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Butyl benzyl phthalate | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Chrysene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Di-n-butyl phthalate | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Di-n-octyl phthalate | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Dibenz(a,h)anthracene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Dibenzofuran | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Diethyl phthalate | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Dimethyl phthalate | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Fluoranthene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Fluorene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Hexachlorobenzene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Hexachlorobutadiene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Hexachlorocyclopentadiene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Hexachloroethane | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Isophorone | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | N-Nitrosodiphenylamine | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Naphthalene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Nitrobenzene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Pentachlorophenol | ND | 50 | UGL | R | | IOK |
| WB | UM06/W | Phenanthrene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Phenol | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | Pyrene | ND | 10 | UGL | R | | IOK |
| WB | UM06/W | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 1,2-Dichlorobenzene | ND | 10 | UGL | R | | ION |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|-----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM06/W | 1,3-Dichlorobenzene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 1,4-Dichlorobenzene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | | ION |
| WB | UM06/W | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2,4-Dichlorophenol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2,4-Dimethylphenol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2,4-Dinitrophenol | ND | 50 | UGL | R | | ION |
| WB | UM06/W | 2,4-Dinitrotoluene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2,6-Dinitrotoluene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2-Chlorophenol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | | ION |
| WB | UM06/W | 2-Methylnaphthalene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2-Methylphenol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 2-Nitroaniline | ND | 50 | UGL | R | | ION |
| WB | UM06/W | 2-Nitrophenol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | | ION |
| WB | UM06/W | 3-Nitroaniline | ND | 50 | UGL | R | | ION |
| WB | UM06/W | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 4-Chloro-3-cresol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 4-Chloroaniline | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 4-Methylphenol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | 4-Nitroaniline | ND | 50 | UGL | R | | ION |
| WB | UM06/W | 4-Nitrophenol | ND | 50 | UGL | R | | ION |
| WB | UM06/W | Acenaphthene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Acenaphthylene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Anthracene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | BZCPE | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Benzo(a)anthracene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Benzo(a)pyrene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Benzo(g,h,i)perylene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Benzo(k)fluoranthene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Benzoic acid | ND | 50 | UGL | R | | ION |
| WB | UM06/W | Benzopyrene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Benzyl Alcohol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | beta-Chloronaphthalene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Butyl benzyl phthalate | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Chrysene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Di-n-butyl phthalate | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Di-n-octyl phthalate | ND | 10 | UGL | R | | ION |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| | | | | | | | | |
| WB | UM06/W | Dibenz(a,h)anthracene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Dibenzofuran | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Diethyl phthalate | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Dimethyl phthalate | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Fluoranthene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Fluorene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Hexachlorobenzene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Hexachlorobutadiene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Hexachlorocyclopentadiene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Hexachloroethane | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Isophorone | ND | 10 | UGL | R | | ION |
| WB | UM06/W | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | | ION |
| WB | UM06/W | N-Nitrosodiphenylamine | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Naphthalene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Nitrobenzene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Pentachlorophenol | ND | 50 | UGL | R | | ION |
| WB | UM06/W | Phenanthrene | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Phenol | ND | 10 | UGL | R | | ION |
| WB | UM06/W | Pyrene | ND | 10 | UGL | R | | ION |
| | | | | | | | | |
| WB | UM06/W | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 1,2-Dichlorobenzene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 1,3-Dichlorobenzene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 1,4-Dichlorobenzene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2,4-Dichlorophenol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2,4-Dimethylphenol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2,4-Dinitrophenol | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | 2,4-Dinitrotoluene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2,6-Dinitrotoluene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2-Chlorophenol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | 2-Methylnaphthalene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2-Methylphenol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 2-Nitroaniline | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | 2-Nitrophenol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | | 100 |
| WB | UM06/W | 3-Nitroaniline | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 4-Chloro-3-cresol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 4-Chloroaniline | ND | 10 | UGL | R | | 100 |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|-----------------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | UM06/W | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 4-Methylphenol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | 4-Nitroaniline | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | 4-Nitrophenol | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | Acenaphthene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Acenaphthylene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Anthracene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | B2CIPE | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Benzo(a)anthracene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Benzo(a)pyrene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Benzo(g,h,i)perylene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Benzo(k)fluoranthene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Benzoic acid | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | Benzopyrene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Benzyl Alcohol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | beta-Chloronaphthalene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Butyl benzyl phthalate | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Chrysene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Di-n-butyl phthalate | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Di-n-octyl phthalate | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Dibenz(a,h)anthracene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Dibenzofuran | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Diethyl phthalate | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Dimethyl phthalate | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Fluoranthene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Fluorene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Hexachlorobenzene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Hexachlorobutadiene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Hexachlorocyclopentadiene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Hexachloroethane | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Isophorone | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | N-Nitrosodiphenylamine | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Naphthalene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Nitrobenzene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Pentachlorophenol | ND | 50 | UGL | R | | 100 |
| WB | UM06/W | Phenanthrene | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Phenol | ND | 10 | UGL | R | | 100 |
| WB | UM06/W | Pyrene | ND | 10 | UGL | R | | 100 |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|---------------------|---------------|-------|--------------|---------------|---------------|---------------|
| WB | SS15/W | Antimony | LT | 37.1 | UGL | | | IQH |
| WB | SS15/W | Barium | LT | 20 | UGL | | | IQH |
| WB | SS15/W | Beryllium | LT | 2.5 | UGL | | | IQH |
| WB | SS15/W | Cadmium | LT | 5 | UGL | | | IQH |
| WB | SS15/W | Chromium (Total) | LT | 15 | UGL | | | IQH |
| WB | SS15/W | Cobalt | LT | 25 | UGL | | | IQH |
| WB | SS15/W | Copper | LT | 20 | UGL | | | IQH |
| WB | SS15/W | Lead | LT | 100 | UGL | | | IQH |
| WB | SS15/W | Nickel | LT | 63.1 | UGL | | 1 | IQH |
| WB | SS15/W | Selenium | LT | 75 | UGL | | | IQH |
| WB | SS15/W | Thallium | LT | 100 | UGL | | | IQH |
| WB | SS15/W | Zinc | LT | 13 | UGL | | | IQH |
| WB | SS15/W | Antimony | LT | 37.1 | UGL | | | IQI |
| WB | SS15/W | Barium | LT | 20 | UGL | | | IQI |
| WB | SS15/W | Beryllium | LT | 2.5 | UGL | | | IQI |
| WB | SS15/W | Cadmium | LT | 5 | UGL | | | IQI |
| WB | SS15/W | Chromium (Total) | LT | 15 | UGL | | | IQI |
| WB | SS15/W | Cobalt | LT | 25 | UGL | | | IQI |
| WB | SS15/W | Copper | LT | 20 | UGL | | | IQI |
| WB | SS15/W | Lead | LT | 100 | UGL | | | IQI |
| WB | SS15/W | Nickel | LT | 63.1 | UGL | | | IQI |
| WB | SS15/W | Selenium | LT | 75 | UGL | | | IQI |
| WB | SS15/W | Thallium | LT | 100 | UGL | | | IQI |
| WB | SS15/W | Zinc | LT | 13 | UGL | | | IQI |
| WB | SS15/W | Antimony | LT | 37.1 | UGL | | | IQM |
| WB | SS15/W | Barium | LT | 20 | UGL | | | IQM |
| WB | SS15/W | Beryllium | LT | 2.5 | UGL | | | IQM |
| WB | SS15/W | Cadmium | LT | 5 | UGL | | | IQM |
| WB | SS15/W | Chromium (Total) | LT | 15 | UGL | | | IQM |
| WB | SS15/W | Cobalt | LT | 25 | UGL | | | IQM |
| WB | SS15/W | Copper | LT | 20 | UGL | | | IQM |
| WB | SS15/W | Lead | LT | 100 | UGL | | | IQM |
| WB | SS15/W | Nickel | LT | 63.1 | UGL | | | IQM |
| WB | SS15/W | Selenium | LT | 75 | UGL | | | IQM |
| WB | SS15/W | Thallium | LT | 100 | UGL | | | IQM |
| WB | SS15/W | Zinc | LT | 13 | UGL | | | IQM |
| WB | SS15/W | Antimony | LT | 37.1 | UGL | | | IQN |
| WB | SS15/W | Barium | LT | 20 | UGL | | | IQN |
| WB | SS15/W | Beryllium | LT | 2.5 | UGL | | | IQN |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. | | Unit | Flag Codes | Data Quals | Lot Number |
|---------------|-------------------|---------------------|-------|-------|------|---------------|---------------|---------------|
| | | | Bool | Conc. | | | | |
| WB | SS15/W | Cadmium | LT | 5 | UGL | | | IQN |
| WB | SS15/W | Chromium (Total) | LT | 15 | UGL | | | IQN |
| WB | SS15/W | Cobalt | LT | 25 | UGL | | | IQN |
| WB | SS15/W | Copper | LT | 20 | UGL | | | IQN |
| WB | SS15/W | Lead | LT | 100 | UGL | | | IQN |
| WB | SS15/W | Nickel | LT | 63.1 | UGL | | | IQN |
| WB | SS15/W | Selenium | LT | 75 | UGL | | | IQN |
| WB | SS15/W | Thallium | LT | 100 | UGL | | | IQN |
| WB | SS15/W | Zinc | LT | 13 | UGL | | | IQN |
| WB | SS15/W | Antimony | LT | 37.1 | UGL | | | IQY |
| WB | SS15/W | Barium | LT | 20 | UGL | | | IQY |
| WB | SS15/W | Beryllium | LT | 2.5 | UGL | | | IQY |
| WB | SS15/W | Cadmium | LT | 5 | UGL | | | IQY |
| WB | SS15/W | Chromium (Total) | LT | 15 | UGL | | | IQY |
| WB | SS15/W | Cobalt | LT | 25 | UGL | | | IQY |
| WB | SS15/W | Copper | LT | 20 | UGL | | | IQY |
| WB | SS15/W | Lead | LT | 100 | UGL | | | IQY |
| WB | SS15/W | Nickel | LT | 63.1 | UGL | | | IQY |
| WB | SS15/W | Selenium | LT | 75 | UGL | | | IQY |
| WB | SS15/W | Thallium | LT | 100 | UGL | | | IQY |
| WB | SS15/W | Zinc | LT | 13 | UGL | | | IQY |
| WB | SS15/W | Antimony | LT | 37.1 | UGL | | | IRA |
| WB | SS15/W | Barium | LT | 20 | UGL | | | IRA |
| WB | SS15/W | Beryllium | LT | 2.5 | UGL | | | IRA |
| WB | SS15/W | Cadmium | LT | 5 | UGL | | | IRA |
| WB | SS15/W | Chromium (Total) | LT | 15 | UGL | | | IRA |
| WB | SS15/W | Cobalt | LT | 25 | UGL | | | IRA |
| WB | SS15/W | Copper | LT | 20 | UGL | | | IRA |
| WB | SS15/W | Lead | LT | 100 | UGL | | | IRA |
| WB | SS15/W | Nickel | LT | 63.1 | UGL | | | IRA |
| WB | SS15/W | Selenium | LT | 75 | UGL | | | IRA |
| WB | SS15/W | Thallium | LT | 100 | UGL | | | IRA |
| WB | SS15/W | Zinc | LT | 13 | UGL | | | IRA |
| WB | SS15/W | Antimony | LT | 37.1 | UGL | | | IRB |
| WB | SS15/W | Barium | LT | 20 | UGL | | | IRB |
| WB | SS15/W | Beryllium | LT | 2.5 | UGL | | | IRB |
| WB | SS15/W | Cadmium | LT | 5 | UGL | | | IRB |
| WB | SS15/W | Chromium (Total) | LT | 15 | UGL | | | IRB |
| WB | SS15/W | Cobalt | LT | 25 | UGL | | | IRB |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|----------------|---|------------|--------|-----------|------------|------------|------------|
| WB | SS15/W | Copper | LT | 20 | UGL | | | IRB |
| WB | SS15/W | Lead | LT | 100 | UGL | | | IRB |
| WB | SS15/W | Nickel | LT | 63.1 | UGL | | | IRB |
| WB | SS15/W | Selenium | LT | 75 | UGL | | | IRB |
| WB | SS15/W | Thallium | LT | 100 | UGL | | | IRB |
| WB | SS15/W | Zinc | LT | 13 | UGL | | | IRB |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | | JCB |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | JCB |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | | JCB |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | JCB |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | JCB |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | JCB |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | JCB |
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | JCB |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | | | JCB |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | | | JCB |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | | | JCB |
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | | | JCB |
| WB | UH21/W | Endrin | LT | .0372 | UGL | | | JCB |
| WB | UH21/W | Endrin | LT | .0697 | UGL | | | JCB |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | | | JCB |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | | JCB |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | | JCB |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | | | JCB |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | | JCB |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | JCB |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | JCB |
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | JCB |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | JCB |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | JCB |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | JCB |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | JCB |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | JCB |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | JCB |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | | JCD |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | JCD |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | | JCD |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | JCD |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | JCD |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | JCD |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | JCD |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|--------|--------------|---------------|---------------|---------------|
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | JCD |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | | | JCD |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | | | JCD |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | | | JCD |
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | | | JCD |
| WB | UH21/W | Endrin | LT | .0372 | UGL | | | JCD |
| WB | UH21/W | Endrin | LT | .0697 | UGL | | | JCD |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | | | JCD |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | | JCD |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | J | JCD |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | | | JCD |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | | JCD |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | JCD |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | JCD |
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | JCD |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | JCD |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | JCD |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | JCD |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | JCD |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | JCD |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | JCD |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | | JCE |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | JCE |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | | JCE |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | JCE |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | JCE |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | JCE |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | JCE |
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | JCE |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | JP | R | JCE |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | JP | R | JCE |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | JP | R | JCE |
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | JP | R | JCE |
| WB | UH21/W | Endrin | LT | .0372 | UGL | JP | R | JCE |
| WB | UH21/W | Endrin | LT | .0697 | UGL | JP | R | JCE |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | JP | R | JCE |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | | JCE |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | | JCE |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | JP | R | JCE |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | | JCE |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | JCE |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | JCE |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. Code | Method/ Matrix | Analyte Description | Meas. Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|------------|-------------------|---|---------------|--------|--------------|---------------|---------------|---------------|
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | JCE |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | JCE |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | JCE |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | JCE |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | JCE |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | JCE |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | JCE |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | | JCF |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | | JCF |
| WB | UH21/W | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | | JCF |
| WB | UH21/W | Aldrin | LT | .0638 | UGL | | | JCF |
| WB | UH21/W | alpha-Benzene hexachloride | LT | .0434 | UGL | | | JCF |
| WB | UH21/W | alpha-Chlordane | LT | .0202 | UGL | | | JCF |
| WB | UH21/W | beta-Benzene hexachloride | LT | .0109 | UGL | | | JCF |
| WB | UH21/W | delta-Benzene hexachloride | LT | .0488 | UGL | | | JCF |
| WB | UH21/W | Dieldrin | LT | .0321 | UGL | JP | | JCF |
| WB | UH21/W | Endosulfan I | LT | .00856 | UGL | JP | R | JCF |
| WB | UH21/W | Endosulfan II | LT | .012 | UGL | JP | R | JCF |
| WB | UH21/W | Endosulfan sulfate | LT | .02 | UGL | JP | R | JCF |
| WB | UH21/W | Endrin | LT | .0372 | UGL | JP | | JCF |
| WB | UH21/W | Endrin | LT | .0697 | UGL | JP | R | JCF |
| WB | UH21/W | ENDRNK | LT | .0282 | UGL | JP | R | JCF |
| WB | UH21/W | gamma-Chlordane | LT | .045 | UGL | | | JCF |
| WB | UH21/W | Heptachlor | LT | .0631 | UGL | | | JCF |
| WB | UH21/W | Heptachlor epoxide | LT | .006 | UGL | JP | R | JCF |
| WB | UH21/W | Lindane | LT | .0429 | UGL | | J | JCF |
| WB | UH21/W | Methoxychlor | LT | .267 | UGL | | | JCF |
| WB | UH21/W | PCB 1016 | ND | .1 | UGL | T | | JCF |
| WB | UH21/W | PCB 1221 | ND | .2 | UGL | T | | JCF |
| WB | UH21/W | PCB 1232 | ND | .1 | UGL | T | | JCF |
| WB | UH21/W | PCB 1242 | ND | .1 | UGL | T | | JCF |
| WB | UH21/W | PCB 1248 | ND | .1 | UGL | T | | JCF |
| WB | UH21/W | PCB 1254 | ND | .1 | UGL | T | | JCF |
| WB | UH21/W | PCB 1260 | ND | .1 | UGL | T | | JCF |
| WB | UH21/W | Toxaphene | ND | .5 | UGL | T | | JCF |
| WB | SB07/W | Mercury | LT | .74 | UGL | | | JDC |
| WB | SB07/W | Mercury | LT | .74 | UGL | | | JDE |

Results for Method Blanks

(Sorted by Installation, Lot Number and Analyte)

| Inst. <u>Code</u> | Method/ <u>Matrix</u> | Analyte <u>Description</u> | Meas. <u>Bool</u> | <u>Conc.</u> | Unit <u>Meas</u> | Flag <u>Codes</u> | Data <u>Quals</u> | Lot <u>Number</u> |
|----------------------|--------------------------|----------------------------|----------------------|--------------|---------------------|----------------------|----------------------|----------------------|
|----------------------|--------------------------|----------------------------|----------------------|--------------|---------------------|----------------------|----------------------|----------------------|

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A P P E N D I X G-3

VALIDATION REPORT

DATE: October 13, 1994
TO: Kevin McCreanor
FROM: Lisa Armstrong

SUBJECT: Data Validation
Woodbridge Research Facility
Woodbridge, Virginia

OVERVIEW: Environmental samples (groundwater, sediment/soil) were collected for the purpose of conducting a Site Inspection (SI) and Remedial Investigation (RI), at the Woodbridge Research Facility. The SI/RI was required as part of the Army Installation Restoration Program. Samples were collected from April through August, 1994.

You requested that ten percent of the total samples collected be validated. A total of 36 chemical analytical lots were reviewed, which represents 120 samples. The following chemical analytical lots were validated: Metals (ETG, ESQ, ESF, ESR, EFK, EWM, EFI, ESS, ETF, ESI, HNU, IQN, EWA, EVF, EVY, ESJ, EVT, ESK, ESG, EVE, ETE, ETC, ESH, IJP, EFJ, EFL, EWO, EWN, EVX, EWL), Pesticide/PCB (HPK, ILT), Cyanide (IMF, HSA), VOA (HOK) and SVOA (HDW). The samples were analyzed as per the chain of custody (COC) forms for volatile organics, semivolatile organics, pesticide/PCB, metals and cyanide.

Pace Laboratories, Incorporated, in Minneapolis, Minnesota performed all of the analyses. The analyses were performed in accordance with SW-846 and USAEC approved methodologies. Procedures for data validation were performed in accordance with the June 1992 "the Region III Modifications to National Functional Guidelines for Organic Data Review Multi-Media, Multi Concentration", and June 1991 "Laboratory National Functional Guidelines for Evaluating Inorganic Analyses".

The following sections address the subset of validated data only.

SUMMARY: All of the samples reviewed were preserved, were applicable, and received by the laboratory in good condition.

BLANKS: Tentatively Identified Compounds (TICs) were detected in the SVOA method blank as unknowns in lot HDW. Several of the TICs detected in the method blank were also detected in samples associated with this lot.

Arsenic was detected in both the preparation and initial calibration blank of lot EFL. However, no action was required because arsenic was not detected in any of the samples.

Lead was detected in the method blank of lots EVX and EWL. All values were greater than five times the amount detected in the method blank. Therefore, no qualifiers were applied.

Arsenic was detected in the rinse blank associated with samples in lot ESJ. Samples 07BH0105, 07BH0106 and 07BH0107 were affected at less than five times the amount detected in the rinse blank and have been qualified U.

Arsenic was detected in the rinse blank associated with samples in lot ESK. Samples 07BH0207 and 07BH0205 were affected at less than five times the amount detected in the rinse blank and have been qualified U.

Arsenic was detected in the method blank of lot ESG. However, no action was required because arsenic was not detected in any of the samples.

Lead was detected in the rinse and preparation blank associated with samples in lot EVE. All samples were affected at less than five times the amount detected in the associates blanks and have been qualified U.

Lead was detected in the preparation blank of lot EVF. All values were greater than five times the amount detected in the preparation blank. Therefore, no qualifiers were applied.

No common laboratory contaminants or target compounds were detected in any laboratory or field blanks analyzed for VOAs, Cyanide or SVOAs.

CALIBRATION: All tuning criteria for GC/MS analyses met the requirements. The initial and continuing calibrations for the analyses of SVOA and VOA met the specified requirements.

The initial and continuing calibrations for both the primary and secondary columns used for pesticides/PCB analyses met all requirements.

Instrument calibration and calibration verification for the analyses of metals met all requirements. All calibration criteria was inferred from AEC acceptance of the data; raw data were not reviewed.

HOLDING TIMES: All holding time requirements were met for the requested analyses.

LABORATORY DUPLICATES: The Relative Standard Deviation (RSD) exceeded control limits of 20% for samples 21BH0402 and 12BH0205 in lot ESF. Values greater than Contract Required Detection Limit (CRDL), have been qualified J. Sample 21BH0402 was affected.

FIELD DUPLICATES: No field duplicates were included with the validated lots.

SPIKES: All surrogate spikes were within the required control limits for the analysis of VOA, SVOA, and Pesticide/PCB.

Although the Laboratory Control Sample (LCS) was within acceptable limits, due to low matrix spike recoveries in lots EWM and EFK, all positive values for lead, selenium, and thallium have been qualified J and non-detects have been qualified UJ.

TICs: Several unknown compounds were tentatively identified in the SVOA lot. All TIC concentrations were estimated.

CONCLUSION: In conclusion, the validated data can be considered to be useable within the constraints of the assigned qualifiers.

DATE: February 25 , 1994
TO: Kevin McCreanor
FROM: Judy Solomon *JAS*
SUBJECT: Data Validation
Woodbridge Research Facility
Woodbridge, Virginia

OVERVIEW: Environmental samples (groundwater, sediment/soil) were collected for the purpose of conducting a Site Inspection (SI) and Remedial Investigation (RI), at the Woodbridge Research Facility. The SI/RI was required as part of the Army Installation Restoration Program. Samples were collected in September and October, 1993.

Ten percent of the total samples collected required contractor data validation. Therefore, three analytical lots were validated, i.e. IEQ (VOA), HDL (SVOA) and IKT(pesticides/PCBs) . A total of 16 samples were validated. The samples were analyzed as per the chain of custody forms (COC) for VOAs, SVOAs, and pesticides/PCBs. In addition to these analyses, metal and TPH analyses were used to further characterize the samples, but contractor data validation was not performed for those analytical lots.

Pace Laboratories, Incorporated, in Minneapolis, Minnesota performed all of the analyses. All analyses validated were carried out using USAEC approved methodologies. Procedures for data validation as outlined in "The Region III Modifications to National Functional Guidelines for Organic Data Review Multi-Media, Multi Concentration", June 1992, were followed. Pesticides/PCBs were validated using "The Region III Modifications to National Functional Guidelines for Pesticides/Aroclor Data Review", May 1993.

SUMMARY: All of the validated samples were preserved were applicable, and received by the laboratory in good condition.

BLANKS: Tentatively Identified Compounds (TICs) were detected in the SVOA method blank of lot HDL. One of the TICs detected in the SVOA method blank, 2-cylohexen-1-one, was a byproduct of the methylene chloride solvent preservative. This compound was also detected as TICs in 2 other samples in the same lot.

VOA analyses did not detect any contaminants in the trip blank and the ambient blank. No common laboratory contaminants or target compounds were detected in the VOA or SVOA blanks.

CALIBRATION: All tuning criteria for GC/MS analyses met the requirements. Initial calibrations and continuing calibrations met the requirements for the SVOA lot.

The VOA initial calibration had 2 compounds (acetone and chloromethane) that did not meet the %Relative Standard Deviation (%RSD) criteria. Although acetone was detected in sample 11SW0101, these 2 compounds were not qualified due to historically exhibited erratic response. In addition, the continuing calibration for chloromethane had a %difference (%D) which was much greater than 50% (65%). Chloromethane was not detected in any samples from this lot. Again, due to historically exhibited erratic response, the affected samples were not qualified for the undetected chloromethane.

The initial and continuing calibrations for both the primary and secondary columns used for pesticides/PCB analyses met all requirements.

HOLDING TIMES: Pesticide samples in lot HKT were extracted one day out of holding time. Since this was not considered to be a gross violation, no qualification of the data was based on the missed extraction holding time. All other samples met the holding time requirements.

LABORATORY DUPLICATES: All laboratory duplicates were within the required relative percent difference (RPD) limits.

FIELD DUPLICATES: No field duplicates were included with the lots validated.

SPIKES: All surrogate spikes were within the required control limits for VOA analyses with the exception of sample 14SW0101. All three surrogates exceeded the upper control limits. The laboratory analysts and the laboratory supervisor suspected that the analyst injected a higher concentration of each of the surrogates than was required. Since no target compounds were detected, qualification of these samples was unnecessary.

LABORATORY CONTROL SAMPLES: All laboratory control samples were within the required control limits.

TICs: All 5 samples in the SVOA lot had a numerous amount of TICs, ranging from 13 to 100. Most of these TICs could not be identified. One sample had a compound (4-methyl-3-penten-2-one) that could be attributed to the aldol condensation of acetone. All TIC concentrations were estimated.

CONCLUSION: In conclusion, the data validated in these three lots can be considered to be useable within the constraints of the assigned qualifiers.

Two attachments are included with this report, Appendix A and Appendix B. Appendix A contains a list of the data qualifiers and their definitions. Appendix B contains the Data Summary Forms.

DATE: July 27, 1995
TO: Brendan McGuinness
FROM: Lisa Armstrong
SUBJECT: Data Validation
Woodbridge Research Facility, Woodbridge, Virginia

OVERVIEW: Environmental samples (groundwater, sediment/soil) were collected for the purpose of conducting a Site Inspection (SI) and Site Characterization Report (SCR), at the Woodbridge Research Facility. The SI/SCR was required as part of the Army Installation Restoration Program. Samples were collected April, 1994 thru April, 1995.

Provided for your review is the Non Thama Approved Methods (NTAM) data validation. The analyses were performed in accordance with SW-846 methods. A total of 85 samples were validated. The samples were analyzed as per the chain of custody (COC) forms for arsenic, selenium, lead, antimony and thallium. Procedures for data validation were performed in accordance with the June 1991 Modifications to the "National Functional Guidelines for Evaluating Inorganic Analyses".

The findings are based upon a review of all available data, including blank results, matrix spike and matrix spike duplicate results, calibration standards and spike recoveries. Areas of concern with respect to data quality and usability, are listed below.

SUMMARY: All of the validated samples were preserved, where applicable, and received by the laboratory in good condition.

BLANKS: No analytes were detected in the method or field blanks.

CALIBRATION: Instrument calibration and calibration verification for the analyses of metals met all requirements.

HOLDING TIMES: All holding time requirements were met for the requested analyses.

LABORATORY DUPLICATES: The Relative Standard Deviation (RSD) was within the required control limit.

FIELD DUPLICATES: Field duplicate Relative Percent Differences (RPD) were evaluated. The RPD's for both water and soil samples were within control limits. However soil duplicate results exhibited a greater variance than water matrices due to difficulties associated with collecting identical field samples.

SPIKES: Although the Laboratory Control Sample (LCS) was within acceptable limits, due to low matrix spike and analytical spike recoveries in lot EFO, all positive values for thallium have been

qualified J, and non-detects have been qualified UJ.

CONCLUSION: In conclusion, the validated data can be considered to be useable within the constraints of the assigned qualifiers.

A P P E N D I X G-4

CONTROL CHART EXAMPLES



ENVIRONMENTAL LABORATORIES

June 30, 1995

U.S.ARMY ENVIRONMENTAL CENTER
Attn.: SFIM-AEC-IRG
Building E4480
Aberdeen Proving Grounds
Edgewood Area, MD 21010

Enclosed is the quality control reports for analysis performed during the time period of May 14, 1995 to June 26, 1995.

| INSTALLATION | CONTRACT NUMBER |
|---|--|
| Alabama Army Ammunition Plant | (DAAA15-91-D-0017) Ms. Sheila Maguire |
| Woodbridge Research Facility | (DAAA15-91-0009) Mr. Keith Schenkel |
| Twin Cities Army Ammunition Plant (TC) | (DAAA09-91-Z-0002) Ms. Ruth Lewis |

If there are any questions on this submission, please contact Minh Nguyen at (612) 525-3466.

Sincerely,

Minh Nguyen
Laboratory Quality Assurance Coordinator

cc: Ms. Ruth Lewis, Conestoga Rovers Associates
Ms. Sheila Maguire, Science Applications International Corporation
Ms. Kathy Janiga, Earth Technology
Mr. Jeffrey Waugh, USAEC
Mr. Pete Rissell, USAEC
Mr. William H. Scruton, PACE Inc.
Mr. Joseph W. Novotny, PACE Inc.

USAEC LOTS ANALYSIS TABLE

| METHOD | LOT ID | INSTALLATION | PRIMES | ANALYSIS | ANALYSIS DATE |
|--------|--------|--------------|--------|-----------|---------------|
| JB06 | HTI | AL | SA | HG | 6/22/95 |
| JB06 | HTJ | AL | SA | HG | 6/23/95 |
| JS14 | HRK | AL | SA | ICP METAL | 6/20/95 |
| JS14 | HRM | AL | SA | ICP METAL | 6/19/95 |
| JS14 | HRQ | AL | SA | ICP METAL | 6/19/95 |
| JS14 | HRR | AL | SA | ICP METAL | 6/26/95 |
| LM30 | HUE | AL | SA | BNA | 6/15/95 |
| SS15 | IRC | WB | EY | ICP METAL | 5/15/95 |
| UG03 | IZY | TC | CR | GC-VOA | 6/17/95 |
| UH21 | JCH | AL | SA | PEST/PCB | 6/6/95 |
| UH21 | JCI | AL | SA | PEST/PCB | 6/16/95 |
| UH21 | JCJ | AL | SA | PEST/PCB | 6/17/95 |
| UM05 | INR | WB | EY | GC/MS VOA | 5/14/95 |
| UM05 | INS | AL | SA | GC/MS VOA | 5/30/95 |
| UM05 | INT | AL | SA | GC/MS VOA | 6/12/95 |
| UM05 | INU | AL | SA | GC/MS VOA | 6/16/95 |
| UM05 | INV | AL | SA | GC/MS VOA | 6/20/95 |

| <u>METHOD</u> | <u>ANALYSIS</u> | <u>LOT</u> | <u>INSTALLATION</u> | <u>PRIME CONTRACTOR</u> | <u>ANALYSIS DATE</u> |
|---------------|-----------------|------------|---------------------|-----------------------------|--------------------------|
| JB06 | HG | HTI | AL | SA | 06/22/95 |
| | | HTJ | AL | SA | 06/23/95 |

OBSERVATION

The control chart submittal date is June 30, 1995.

TREND ANALYSIS

All control charts are trend free.

OUT-OF-CONTROL ANALYSIS

The following analyte contained a point outside the UCL in the three-day x-bar charts:

| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>UCL</u> |
|----------------|------------|-----------------|------------|
| HG | HTJ | 107.0 | 106.3 |

The following analyte contained a point outside the UCL in the three-day x-bar range charts:

| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>UCL</u> |
|----------------|------------|-----------------|------------|
| HG | HTI | 19.5 | 17.5 |

SUMMARY RECOMMENDATION

For lots HTI and HTJ, the calibration standards met the QC requirements of the program. The out of control situation should have negligible affect on the quality of the data. Lots HTI and HTJ should be accepted.

| <u>METHOD</u> | <u>ANALYSIS</u> | <u>LOT</u> | <u>INSTALLATION</u> | <u>PRIME CONTRACTOR</u> | <u>ANALYSIS DATE</u> |
|---------------|-----------------|------------|---------------------|-----------------------------|--------------------------|
| JS14 | ICP METAL | HRK | AL | SA | 06/20/95 |
| | | HRM | AL | SA | 06/19/95 |
| | | HRQ | AL | SA | 16/19/95 |
| | | HRR | AL | SA | 06/26/95 |

OBSERVATION

The control chart submittal date is June 30, 1995.

The following analytes contained points classified as outliers in the three-day x-bar charts:

| <u>ANALYTE</u> | <u>LOT</u> |
|----------------|------------|
| ----- | ---- |
| CO | HRK |
| CU | HRK |
| NI | HRK |
| NI | HRQ |
| CU | HRR |
| NI | HRR |

TREND ANALYSIS

The following analytes contained seven successive points below the central line in the three-day x-bar charts:

| <u>ANALYTE</u> | <u>BEGIN LOT</u> | <u>END LOT</u> | <u>NUMBER OF POINTS</u> |
|----------------|----------------------|--------------------|-----------------------------|
| ----- | ----- | ----- | ----- |
| BA | HRH | HRK | 7 |
| CU | HRC | HRK | 18 |
| CO | HRC | HRQ | 21 |

The following analytes contained seven successive points above the central line in the single-day x-bar charts:

| <u>ANALYTE</u> | <u>BEGIN LOT</u> | <u>END LOT</u> | <u>NUMBER OF POINTS</u> |
|----------------|----------------------|--------------------|-----------------------------|
| ----- | ----- | ----- | ----- |
| CD | HRJ | HRQ | 8 |
| BA | HRC | HRR | 20 |
| SB | HRB | HRR | 16 |

The following analytes contained seven successive points below the central line in the single-day x-bar charts:

| <u>ANALYTE</u> | <u>BEGIN LOT</u> | <u>END LOT</u> | <u>NUMBER OF POINTS</u> |
|----------------|----------------------|--------------------|-----------------------------|
| ----- | ----- | ----- | ----- |
| CR | HRI | HRQ | 9 |
| SE | HRJ | HRQ | 7 |

OUT-OF-CONTROL ANALYSIS

The following analytes contained points outside the UCL in the three-day x-bar charts:

| ANALYTE | LOT | RECOVERY | UCL |
|---------|-----|----------|-------|
| CD | HRK | 120.0 | 109.9 |
| CD | HRM | 110.0 | 109.9 |
| CR | HRM | 145.0 | 139.5 |
| PB | HRM | 105.0 | 104.3 |
| PB | HRR | 114.5 | 104.3 |
| SE | HRR | 115.2 | 104.3 |

The following analytes contained points outside the LCL in the three-day x-bar charts:

| ANALYTE | LOT | RECOVERY | LCL |
|---------|-----|----------|------|
| CO | HRK | 85.0 | 92.0 |
| CU | HRK | 82.0 | 93.9 |
| NI | HRK | 86.0 | 89.2 |
| CU | HRQ | 89.0 | 93.9 |
| PB | HRQ | 92.5 | 94.9 |
| CU | HRR | 88.0 | 93.9 |

The following analytes contained two consecutive points between the LCL and LWL in the three-day x-bar charts:

| ANALYTE | BEGIN LOT | END LOT | RECOVERY | LCL | LWL | NUMBER OF POINTS |
|---------|-----------|---------|----------|------|------|------------------|
| CO | HRR | HRQ | 93.0 | 92.0 | 94.1 | 2 |
| NI | HRR | HRQ | 90.0 | 89.2 | 92.0 | 2 |

The following analytes contained points outside the UCL in the three-day x-bar range charts:

| ANALYTE | LOT | RECOVERY | UCL |
|---------|-----|----------|------|
| CR | HRK | 95.0 | 60.8 |
| SE | HRK | 25.6 | 18.3 |
| CU | HRM | 14.0 | 7.7 |
| CU | HRQ | 13.0 | 7.7 |
| PB | HRQ | 22.0 | 11.8 |
| SE | HRQ | 21.2 | 18.3 |
| CU | HRR | 13.0 | 7.7 |
| PB | HRR | 18.5 | 11.8 |
| SE | HRR | 34.8 | 18.3 |

The following analytes contained points outside the UCL in the single-day x-bar charts:

| ANALYTE | LOT | XBAR | UCL |
|---------|-----|-------|-------|
| CO | HRM | 105.0 | 102.7 |
| CU | HRM | 103.6 | 100.4 |

The following analytes contained points outside the LCL in the single-day x-bar charts:

| ANALYTE | LOT | XBAR | LCL |
|---------|-----|------|------|
| CO | HRK | 93.9 | 94.5 |
| TL | HRK | 91.6 | 91.9 |
| MO | HRQ | 93.3 | 93.6 |
| TL | HRQ | 90.4 | 91.9 |
| ZN | HRQ | 95.0 | 96.0 |
| MO | HRR | 93.1 | 93.6 |
| NI | HRR | 94.0 | 95.0 |
| TL | HRR | 90.6 | 91.9 |
| ZN | HRR | 95.7 | 96.0 |

SUMMARY RECOMMENDATION

For lot HRK, the calibration standards met the QC requirements of the program. Test name CR had a recovery of 95.0% outside the upper control limit in the three-day x-bar range chart. It was caused by a low recovery in the previous lot HRN. However, CR recovery in the three-day x-bar is within the control limits. Other out of control situations should have negligible effect on the quality of the data. Lot HRK should be accepted.

For lot HRM, the calibration standards met the QC requirements of the program. The out of control situations should have negligible effect on the quality of the data. Lot HRM should be accepted.

For lot HRQ, the calibration standards met the QC requirements of the program. The out of control situations should have negligible effect on the quality of the data. Lot HRQ should be accepted.

For lot HRR, the calibration standards met the QC requirements of the program. Test name SE had a recovery of 34.8% which is outside the upper control limit in the three-day x-bar range chart. It was caused by a low recovery in the previous lot HRO. Other out of control situations should have negligible effect on the quality of the data. Lot HRR should be accepted.

| | | | | | |
|---------------|-----------------|------------|---------------------|-----------------------------------|--------------------------------|
| <u>METHOD</u> | <u>ANALYSIS</u> | <u>LOT</u> | <u>INSTALLATION</u> | <u>PRIME</u> <u>CONTRACTOR</u> | <u>ANALYSIS</u> <u>DATE</u> |
| LM30 | GC/MS SVOA | HUE | AL | SA | 06/15/95 |

OBSERVATION

The control chart submittal date is June 30, 1995.

TREND ANALYSIS

All control charts are trend free.

OUT-OF-CONTROL ANALYSIS

The following analytes contained two consecutive points between the UCL and UWL in three-day x-bar charts:

| <u>ANALYTE</u> | <u>BEGIN</u> <u>LOT</u> | <u>END</u> <u>LOT</u> | <u>RECOVERY</u> | <u>UCL</u> | <u>UWL</u> | <u>NUMBER OF</u> <u>POINTS</u> |
|----------------|----------------------------|--------------------------|-----------------|------------|------------|-----------------------------------|
| PHEND5 | HUD | HUE | 84.0 | 89.1 | 79.9 | 2 |
| NBD5 | HUD | HUE | 76.5 | 85.5 | 74.8 | 2 |

SUMMARY RECOMMENDATION

For lot HUE, the calibration standards met the QC requirements of the program. The out of control situations should have negligible affect on the quality of the data. Lot HUE should be accepted.

| | | | | | |
|---------------|-----------------|------------|---------------------|--------------|-----------------|
| <u>METHOD</u> | <u>ANALYSIS</u> | <u>LOT</u> | <u>INSTALLATION</u> | <u>PRIME</u> | <u>ANALYSIS</u> |
| SS15 | ICP METAL | IRC | WB | CONTRACTOR | DATE |
| | | | | EY | 05/15/95 |

OBSERVATION

The control chart submittal date is June 30, 1995.

The following analyte contained a point classified as an outlier in the three-day x-bar charts:

| | |
|----------------|------------|
| <u>ANALYTE</u> | <u>LOT</u> |
| ----- | ---- |
| BE | IRC |

TREND ANALYSIS

The following analytes contained seven successive points above the central line in the single-day x-bar charts:

| | | | |
|----------------|--------------|------------|------------------|
| <u>ANALYTE</u> | <u>BEGIN</u> | <u>END</u> | <u>NUMBER OF</u> |
| ----- | <u>LOT</u> | <u>LOT</u> | <u>POINTS</u> |
| ----- | ---- | ---- | ----- |
| CU | IQP | IRC | 21 |
| TL | IQP | IRC | 21 |

OUT-OF-CONTROL ANALYSIS

The following analyte contained a point outside the UCL in the three-day x-bar charts:

| | | | |
|----------------|------------|-----------------|------------|
| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>UCL</u> |
| ----- | ---- | ----- | ----- |
| NI | IRC | 105.3 | 104.0 |

The following analytes contained points outside the LCL in the three-day x-bar charts:

| | | | |
|----------------|------------|-----------------|------------|
| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>LCL</u> |
| ----- | ---- | ----- | ----- |
| BE | IRC | 90.0 | 97.0 |
| CD | IRC | 90.0 | 92.1 |
| CU | IRC | 85.0 | 85.6 |
| SB | IRC | 69.0 | 70.2 |

The following analytes contained points outside the UCL in the three-day x-bar range charts:

| | | | |
|----------------|------------|-----------------|------------|
| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>UCL</u> |
| ----- | ---- | ----- | ----- |
| BE | IRC | 10.0 | 4.1 |
| SE | IRC | 50.0 | 35.3 |

The following analyte contained a point outside the UCL in the single-day x-bar charts:

| | | | |
|----------------|------------|-------------|------------|
| <u>ANALYTE</u> | <u>LOT</u> | <u>XBAR</u> | <u>UCL</u> |
| ----- | ---- | ----- | ----- |
| NI | IRC | 111.3 | 107.9 |

SUMMARY RECOMMENDATION

For lot IRC, the calibration standards met the QC requirements of the program. Test name SE had a recovery of 50.0% which is outside the upper control limit in the three-day x-bar range chart. It was caused by a high recovery in the previous lot IRA. Other out of control situations should have negligible effect on the quality of the data. Lot IRC should be accepted.

| | | | | | |
|---------------|-----------------|------------|---------------------|--------------|-----------------|
| <u>METHOD</u> | <u>ANALYSIS</u> | <u>LOT</u> | <u>INSTALLATION</u> | <u>PRIME</u> | <u>ANALYSIS</u> |
| UG03 | GC VOA | IZY | TC | CONTRACTOR | DATE |
| | | | | CR | 06/17/95 |

OBSERVATION

The control chart submittal date is June 30, 1995.

TREND ANALYSIS

The following analytes contained seven successive points above the central line in the single-day x-bar charts:

| ANALYTE | BEGIN LOT | END LOT | NUMBER OF POINTS |
|---------|--------------|------------|---------------------|
| 11DCE | IZR | IZY | 8 |
| 12DCLE | IZK | IZY | 19 |
| TCLEE | IZK | IZY | 19 |
| 12DCE | IZK | IZY | 19 |

OUT-OF-CONTROL ANALYSIS

The following analyte contained a point outside the UCL in the three-day x-bar charts:

| ANALYTE | LOT | RECOVERY | UCL |
|---------|-----|----------|-------|
| 111TCE | IZY | 111.5 | 108.0 |

The following analytes contained points outside the UCL in the three-day x-bar range charts:

| ANALYTE | LOT | RECOVERY | UCL |
|---------|-----|----------|------|
| 11DCE | IZY | 28.5 | 23.4 |
| TCLEE | IZY | 20.0 | 18.5 |

The following analyte contained a point outside the LCL in the single-day x-bar charts:

| ANALYTE | LOT | XBAR | LCL |
|---------|-----|-------|-------|
| TRCLE | IZY | 105.7 | 107.4 |

The following analyte contained two consecutive points between the UCL and UWL in the single-day x-bar charts:

| ANALYTE | BEGIN LOT | END LOT | XBAR | UCL | UWL | NUMBER OF POINTS |
|---------|--------------|------------|-------|-------|-------|---------------------|
| TCLEE | IZX | IZY | 104.0 | 104.7 | 100.3 | 2 |

SUMMARY RECOMMENDATION

For lot IZY, the calibration standards met the QC requirements of the program. The out of control situations should have negligible affect on the quality of the data. Lot IZY should be accepted.

| <u>METHOD</u> | <u>ANALYSIS</u> | <u>LOT</u> | <u>INSTALLATION</u> | <u>PRIME CONTRACTOR</u> | <u>ANALYSIS DATE</u> |
|---------------|-----------------|------------|---------------------|-----------------------------|--------------------------|
| UH21 | PEST/PCB | JCH | AL | SA | 06/06/95 |
| | | JCI | AL | SA | 06/16/95 |
| | | JCJ | AL | SA | 06/17/95 |

OBSERVATION

The control chart submittal date is June 30, 1995.

TREND ANALYSIS

The following analyte contained seven successive points below the central line in the three-day x-bar charts:

| <u>ANALYTE</u> | <u>BEGIN LOT</u> | <u>END LOT</u> | <u>NUMBER OF POINTS</u> |
|----------------|----------------------|--------------------|-----------------------------|
| ENDRN | ILY | JCJ | 12 |

The following analytes contained seven successive points below the central line:

| <u>ANALYTE</u> | <u>BEGIN LOT</u> | <u>END LOT</u> | <u>NUMBER OF POINTS</u> |
|----------------|----------------------|--------------------|-----------------------------|
| AENSLF | ILS | JCJ | 17 |
| BENSLF | ILZ | JCJ | 9 |

The following analyte contained five successive points going in an upward direction:

| <u>ANALYTE</u> | <u>BEGIN LOT</u> | <u>END LOT</u> | <u>NUMBER OF POINTS</u> |
|----------------|----------------------|--------------------|-----------------------------|
| ALDRN | JCG | JCJ | 5 |

OUT-OF-CONTROL ANALYSIS

The following analytes contained points outside the UCL in the three-day x-bar charts:

| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>UCL</u> |
|----------------|------------|-----------------|------------|
| HPCL | JCH | 89.1 | 78.6 |
| GCLDAN | JCH | 89.9 | 86.4 |
| ALDRN | JCH | 81.2 | 75.7 |
| AENSLF | JCH | 107.6 | 96.7 |
| AENSLF | JCI | 100.8 | 96.7 |
| MEXCLR | JCI | 98.6 | 97.4 |
| HPCL | JCI | 84.1 | 78.6 |

The following analyte contained a point outside the LCL in the three-day x-bar charts:

| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>LCL</u> |
|----------------|------------|-----------------|------------|
| LIN | JCJ | 63.6 | 63.7 |

The following analytes contained points outside the UCL in the three-day x-bar range charts:

| ANALYTE | LOT | RECOVERY | UCL |
|---------|-----|----------|------|
| HPCL | JCJ | 25.6 | 23.7 |
| LIN | JCH | 22.1 | 19.8 |
| LIN | JCI | 22.1 | 19.8 |

The following analyte contained two consecutive points between the UCL and UWL:

| ANALYTE | BEGIN LOT | END LOT | XBAR | UCL | UWL | NUMBER OF POINTS |
|---------|--------------|------------|------|------|------|---------------------|
| ENDRN | ILW | ILV | 83.5 | 88.8 | 83.1 | 2 |

SUMMARY RECOMMENDATION

For lots JCH, JCI, and JCJ the calibration standards met the QC requirements of the program. The out of control situations should have negligible affect on the quality of the data. Lots JCH, JCI, and JCJ should be accepted.

| <u>METHOD</u> | <u>ANALYSIS</u> | <u>LOT</u> | <u>INSTALLATION</u> | <u>PRIME CONTRACTOR</u> | <u>ANALYSIS DATE</u> |
|---------------|-----------------|------------|---------------------|-----------------------------|--------------------------|
| UM05 | GC/MS VOA | INR | WB | EY | 05/14/95 |
| | | INS | AL | SA | 05/30/95 |
| | | INT | AL | SA | 06/12/95 |
| | | INU | AL | SA | 06/16/95 |
| | | INV | AL | SA | 06/20/95 |

OBSERVATION

The control chart submittal date is June 30, 1995.

TREND ANALYSIS

All control charts are trend free.

OUT-OF-CONTROL ANALYSIS

The following analyte contained a point outside the UCL in the three-day x-bar charts:

| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>UCL</u> |
|----------------|------------|-----------------|------------|
| 12DCD4 | INR | 125.0 | 116.4 |

The following analytes contained points outside the LCL in the three-day x-bar charts:

| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>LCL</u> |
|----------------|------------|-----------------|------------|
| 12DCD4 | INS | 82.5 | 88.2 |
| MEC6D8 | INS | 90.0 | 92.3 |
| 4BFB | INS | 85.0 | 88.1 |

The following analytes contained points outside the UCL in the three-day x-bar range charts:

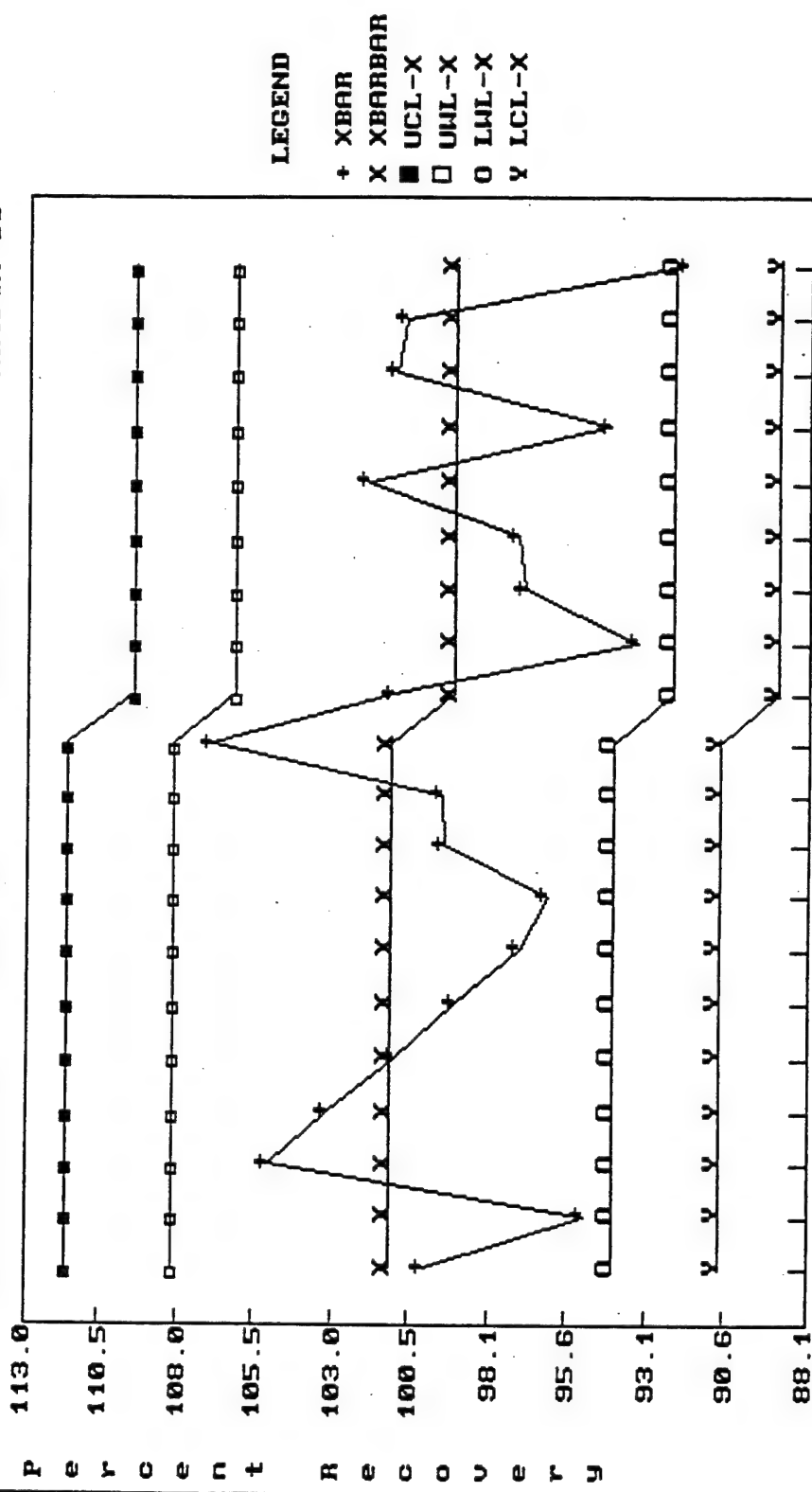
| <u>ANALYTE</u> | <u>LOT</u> | <u>RECOVERY</u> | <u>UCL</u> |
|----------------|------------|-----------------|------------|
| 12DCD4 | INS | 42.5 | 35.5 |
| 12DCD4 | INT | 42.5 | 42.2 |

SUMMARY RECOMMENDATION

For lots INR, INS, INT, INU, and INV the calibration standards met the QC requirements of the program. The out of control situations should have negligible affect on the quality of the data. Lots INR, INS, INT, INU, and INV should be accepted.

SINGLE DAY X-BAR CONTROL CHART - HIGH SPIKE CONCENTRATION

Laboratory PC Test HC Method SB07 Matrix S0

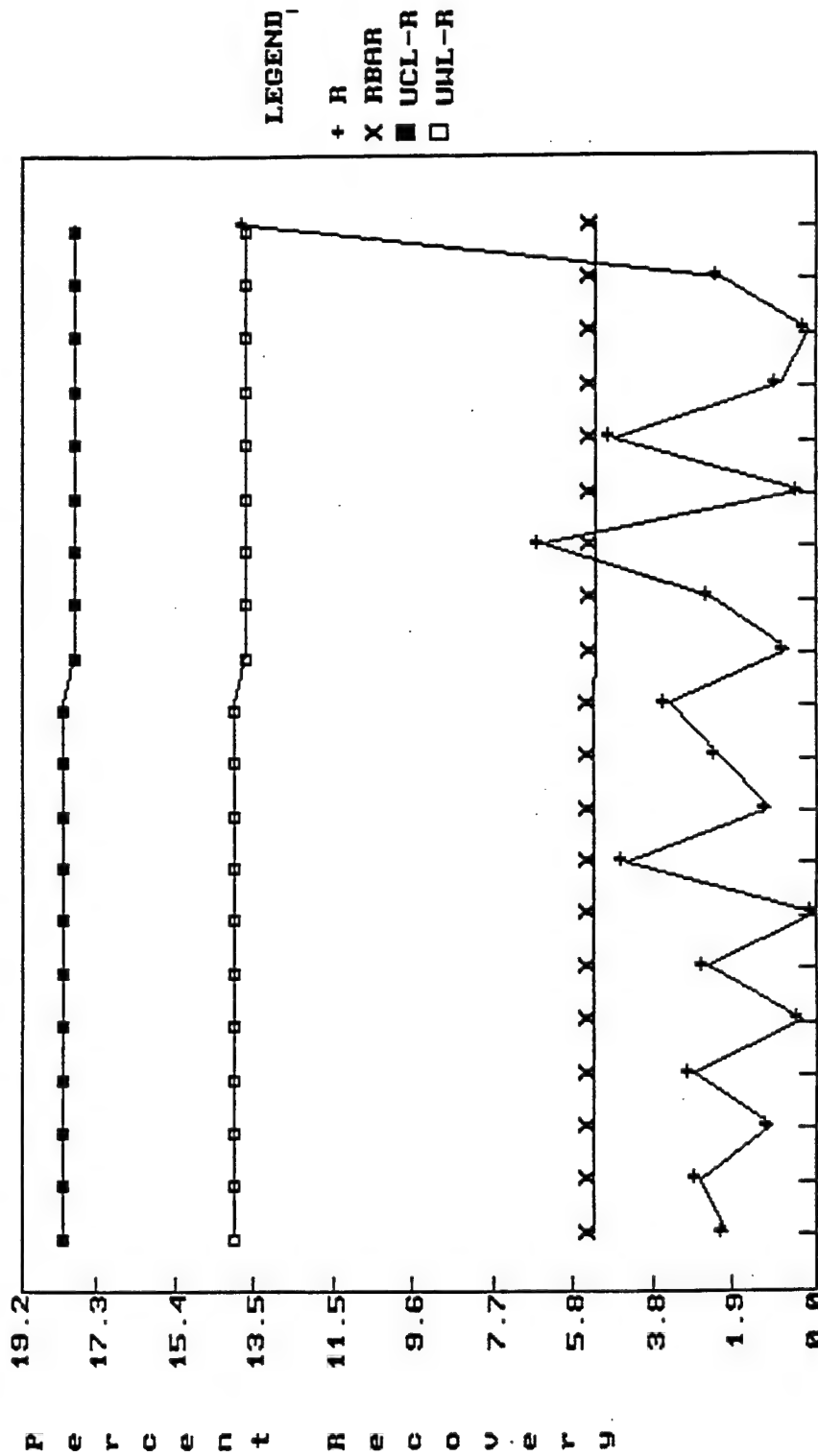


From 03/16/94 To 05/04/95

MERCURY

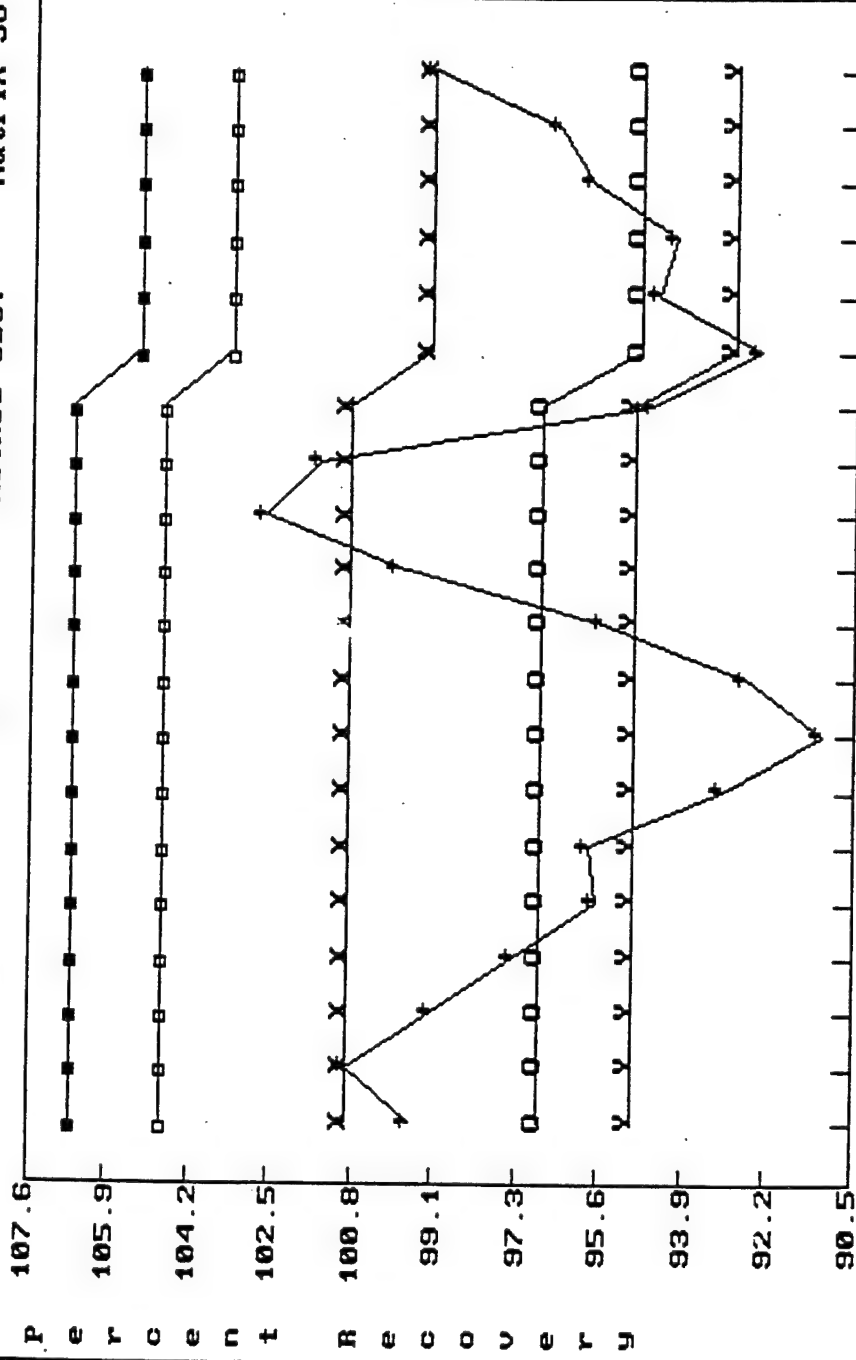
SINGLE DAY RANGE CONTROL CHART - HIGH SPIKE CONCENTRATION

Laboratory PC Test HC Method SB07 Matrix SO



THREE DAY X-BAR CONTROL CHART

Laboratory PC Test HC Method SB07 Matrix SO

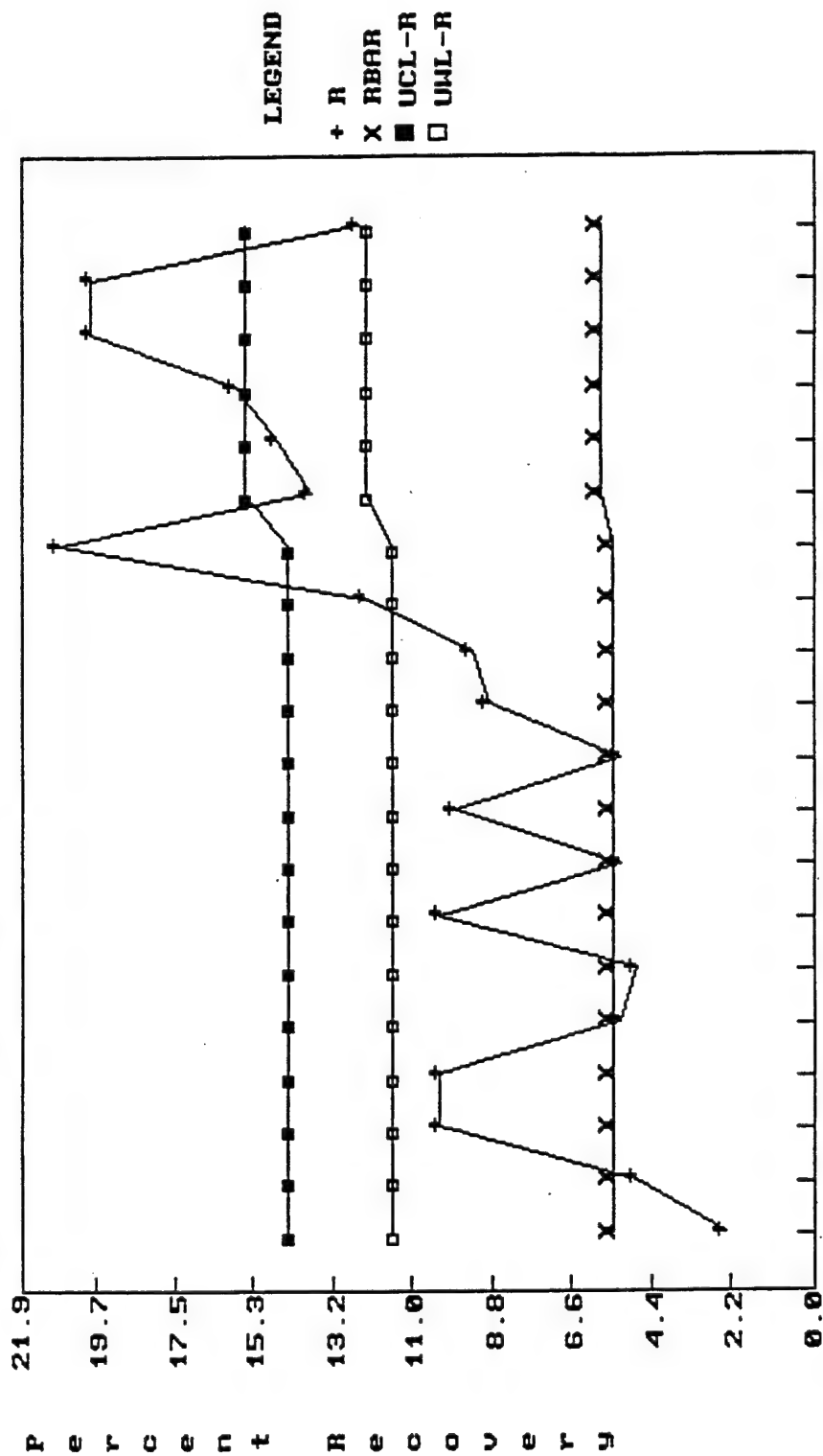


From 03/16/94 To 05/04/95

MERCURY

THREE DAY RANGE CONTROL CHART

Laboratory PC Test HG Method SB07 Matrix SO



FROM 03/16/94 TO 05/04/95

A P P E N D I X G-5

QC CRITERIA

TABLE G5-1
SCHEDULED QUALITY CONTROL AND CALIBRATION

| Procedure | Frequency of Quality Control Procedure | Acceptance Criteria | Corrective Action |
|---|--|---|--|
| Volatile Organic Compounds (VOCs) | | | |
| Initial Calibration 6-point Curve | Set-up, major maintenance, and quarterly | RRF ≥ 0.30 except bromoform ≥ 0.25 Response Factors $< 30\%$ | If RSD of the average RRF for calibration check compounds $> 30\%$, the initial calibration must be repeated. |
| Daily Calibration Standard | Every 12 hours | % D for RRF $\leq 25\%$ for 2/3 of compounds | If daily calibration standard does not meet criteria, reanalyze daily standard. If it fails a second time, perform new initial calibration. |
| Continuing Calibration Check | Beginning of a Sample Sequence | % D for RRF $\leq 25\%$ for 2/3 of compounds | Samples cannot begin until this criterion is met. |
| Surrogate | Every Sample | 4-bromofluorobenzene 1,2-dichloroethane-d ₄ Toluene-d ₉ | If recoveries of one surrogate compounds is outside established limits, the sample must be reanalyzed. If the sample still fails upon reanalysis, document that surrogate recovery is matrix dependent (biased). |
| | | Solid 89-110% 87-108% 94-109% | |
| Method Blanks | Every 12 hours | "Clean" | Document source of contamination. |
| | | BFB key ions and ion abundance criteria in Standard Operating Procedure. | |
| Tuning | Prior to Calibration | | Analysis of the instrument must meet the ion abundance criteria. |
| Semivolatile Organic Compounds (SVOCs) | | | |
| Initial Calibration Curve | Set-up, major maintenance | RSD of RRF $\geq 35\%$ for 2/3 of compounds | Must meet criteria prior to sample analysis. |
| Daily Calibration Standard | 12 hours | RRF ≥ 0.05 , the percent difference of the daily RRF compared to average RRF $\leq 25\%$. | If criteria are not met, reanalyze the daily standard. If the daily standard fails a second time, perform a new initial curve. |

TABLE G5-1
SCHEDULED QUALITY CONTROL AND CALIBRATION

| Procedure | Frequency of Quality Control Procedure | Acceptance Criteria | Corrective Action | | | | | | | | | | | | | | | |
|---|--|---|--|---------------------------------|-----------------------------|----------------------|------------|---------|-----------------------------|------------|--------|------------------|------------|--------|-----------------------------|------------|--------|--|
| Semivolatle Organic Compounds (SVOCs) (Continued) | | | | | | | | | | | | | | | | | | |
| Continuing Calibration Check | After tune, prior to sample analysis | % D for RRF ≤ 25% for 2/3 of compounds | If criteria are not met, initial calibration must be repeated. | | | | | | | | | | | | | | | |
| Internal Standards | Every Analysis | Retention time ±30 seconds. Area changes by a factor of two (-50% to +100%). | Inspect for malfunction. Demonstration system is functioning properly. Reanalyze samples with standards outside criteria. | | | | | | | | | | | | | | | |
| Tuning DFTPP | 12 hours | Must meet tuning criteria in USEPA CLP OLMO1.8. | Re-tune, recalibrate. | | | | | | | | | | | | | | | |
| Method Blanks | 12 hours | "Clean" | Document source of contamination. | | | | | | | | | | | | | | | |
| Surrogate Spikes | Every Sample | <table><tr><td>2-fluorophenol Phenol-d₆</td><td>Solid 31-88.6% 33.7-89.1%</td><td>Aqueous 36-66% 24-40%</td></tr><tr><td>2,4,6-Tribromophenol</td><td>47.9-87.2%</td><td>57-100%</td></tr><tr><td>Nitrobenzene-d₅</td><td>21.5-85.5%</td><td>60-88%</td></tr><tr><td>2-Fluorobiphenyl</td><td>34.1-92.9%</td><td>54-80%</td></tr><tr><td>p-Terphenyl-d₁₄</td><td>54.7-99.1%</td><td>64-99%</td></tr></table> | 2-fluorophenol Phenol-d ₆ | Solid 31-88.6% 33.7-89.1% | Aqueous 36-66% 24-40% | 2,4,6-Tribromophenol | 47.9-87.2% | 57-100% | Nitrobenzene-d ₅ | 21.5-85.5% | 60-88% | 2-Fluorobiphenyl | 34.1-92.9% | 54-80% | p-Terphenyl-d ₁₄ | 54.7-99.1% | 64-99% | If recoveries of two surrogate compounds (2 acids or 2 base/neutrals) are not met, the extract must be reanalyzed. If extract fails upon reanalysis, document that surrogate recovery is matrix dependent. |
| 2-fluorophenol Phenol-d ₆ | Solid 31-88.6% 33.7-89.1% | Aqueous 36-66% 24-40% | | | | | | | | | | | | | | | | |
| 2,4,6-Tribromophenol | 47.9-87.2% | 57-100% | | | | | | | | | | | | | | | | |
| Nitrobenzene-d ₅ | 21.5-85.5% | 60-88% | | | | | | | | | | | | | | | | |
| 2-Fluorobiphenyl | 34.1-92.9% | 54-80% | | | | | | | | | | | | | | | | |
| p-Terphenyl-d ₁₄ | 54.7-99.1% | 64-99% | | | | | | | | | | | | | | | | |
| Pesticides/Polychlorinated Biphenyls (PCBs) | | | | | | | | | | | | | | | | | | |
| Initial Calibration Curve Single Component, Multi-component | Set-up, major maintenance | 2/3 of compounds have ≥ 0.995 | Must meet criteria prior to sample analysis. | | | | | | | | | | | | | | | |
| Daily Calibration Standard | 12 hours | % D for RRF ≤ 25% for 2/3 of compounds | If criteria are not met, reanalyze the daily standard. If the daily standard fails a second time, perform a new initial curve. | | | | | | | | | | | | | | | |

TABLE G5-1
SCHEDULED QUALITY CONTROL AND CALIBRATION

| Procedure | Frequency of Quality Control Procedure | Acceptance Criteria | Corrective Action | | | | | | |
|---|---|---|--|-------|---------|--------------------|------------------------|--------------------|---|
| Pesticides/Polychlorinated Biphenyls (PCBs) (Continued) | | | | | | | | | |
| Independent Reference Standard (Calibration Check) | Weekly | Recovery $\pm 25\%$ | Initiate investigation and document actions taken. | | | | | | |
| Performance Evaluation Mixture | 12 hours, after analytical run | Endrin/4,4-DDT degradation $< 30\%$ | If criterion is not met, system must be deactivated and the affected sample reanalyzed if endrin or 4,4-DDT or their degradation products are detected in the samples. | | | | | | |
| Instrument Blank | 12 hours, after analytical run | "Clean" | Demonstrated "clean". Affected sample will be analyzed. | | | | | | |
| Method Blanks | 12 hours | "Clean" | Document source of contamination. | | | | | | |
| Surrogate Spikes ⁽¹⁾ | Every Sample | <table><tr><td>Tetrachloro-m-xylene</td><td>Solid</td><td>Aqueous</td></tr><tr><td>Decachlorobiphenyl</td><td>41.9-129% 66.9-148%</td><td>63-109% 34-133%</td></tr></table> | Tetrachloro-m-xylene | Solid | Aqueous | Decachlorobiphenyl | 41.9-129% 66.9-148% | 63-109% 34-133% | Investigate to determine cause and document actions taken; data are acceptable. |
| Tetrachloro-m-xylene | Solid | Aqueous | | | | | | | |
| Decachlorobiphenyl | 41.9-129% 66.9-148% | 63-109% 34-133% | | | | | | | |
| Standard Spikes ⁽¹⁾ | One low spike, two high spikes per sample lot | LWL $< x < \text{UWL}$ | Investigate to determine cause and document actions taken; data are acceptable. | | | | | | |
| Target Analyte List (TAL) Metals | | | | | | | | | |
| Initial Calibration Curve 2-point Curve | Major maintenance, instrument modification, replacement of the torch, replacement of the mirror | $r > 0.995$ for all elements $r < 0.995$ for any element, the standards for that element must be prepared again and/or lower upper range standard must be used. | | | | | | | |

TABLE G5-1
SCHEDULED QUALITY CONTROL AND CALIBRATION

| Procedure | Frequency of Quality Control Procedure | Acceptance Criteria | Corrective Action |
|---|---|---|---|
| Target Analyte List (TAL) Metals (Continued) | | | |
| Daily Calibration Standard (calibration blank & calibration verification) | 12 hours | Slope within 10% of initial calibration recovery $\pm 5\%$ of true value. | If criteria are not met, reanalyze the daily standards. If the daily standard fails a second time, perform an initial calibration. |
| Interference Check | Beginning and end of each sample analytical run | Recovery $\pm 20\%$ of true value. | Terminate the analysis, correct the problem, recalibrate, reverify the calibration, and reanalyze the samples. |
| Continuing Calibration Verification (CCV) | Every 15 samples, end of analytical run | Recovery $\pm 10\%$ of true value. | Reanalyze CCV. If the CCV fails second time, the analysis must be terminated, the problem corrected, the instrument recalibrated, and the calibration reverified prior to continuing sample analyses. |
| Continuing Calibration Blank (CCB) | Every 15 samples, end of analytical run | Concentration $< 3 \times s$ of the background mean. | If the average is not within criteria, terminate the analysis, correct the problem, recalibrate, and reanalyze all samples analyzed since the last acceptable CCB. |
| Preparation Blank | 1 per 20 samples | "Clean" | Document source contamination. |
| Control Spikes | Four spikes per 20 samples | $\pm 30\%$ for low spikes and $\pm 20\%$ for high spikes. | Initiate investigation, document actions taken; data are acceptable. |

TABLE G5-1
SCHEDULED QUALITY CONTROL AND CALIBRATION

| Procedure | Frequency of Quality Control Procedure | Acceptance Criteria | Corrective Action |
|---|--|---|--|
| Total Petroleum Hydrocarbons (TPHs) | | | |
| Initial and Daily Calibration Curve 6-point Curve | Major maintenance or instrument modification | $r > 0.995$ for each compound. | If $r < 0.995$ for any element, the standards for that element must be prepared again and/or lower upper range standard must be used. |
| Independent Reference | Weekly | Recovery within $\pm 25\%$ of true value. | No corrective action cited. |
| Continuing Calibration Verification (CCV) | Every 10 samples, end of analytical run | Recovery $\pm 25\%$ of true value. | Reanalyze CCV. If the CCV fails second time, the samples must be reanalyzed or documentation provided by the analyte as to why the sample data should be acceptable. |
| Method Blank | 1 per 20 samples | "Clean" | Documented source of contamination. |
| Standard Spikes | One low and two high spikes per sample lot | | Investigate to determine cause and document action taken; data are acceptable. |

(1) Total discussion of control criteria and corrective action is provided in Section 8.7 of the USAEC Guidelines (USAEC, 1993).

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TABLE G5-2
MATRIX SPIKE AND MATRIX SPIKE DUPLICATE
QUALITY CONTROL CRITERIA

| Compounds | Solid | | Aqueous | |
|---|-------------------------------|--------------------------------------|-------------------------------|--------------------------------------|
| | Percent Recovery Criteria (%) | Relative Percent Difference Criteria | Percent Recovery Criteria (%) | Relative Percent Difference Criteria |
| Volatile Organic Compounds (VOCs) | | | | |
| 1,1-Dichloroethane | 59 - 155 | 30 | 59 - 155 | 30 |
| Toluene | 79 - 120 | 16 | 62 - 125 | 43 |
| Trichloroethylene | 76 - 117 | 19 | 60 - 125 | 40 |
| Benzene | 72 - 128 | 17 | 60 - 115 | 29 |
| Chlorobenzene | 78 - 122 | 17 | 59 - 126 | 45 |
| Semivolatile Organic Compounds (SVOCs) | | | | |
| Phenol | 50 - 102 | 12 | 43 - 85 | 55 |
| 2-Chlorophenol | 63 - 98 | 11 | 57 - 90 | 42 |
| 1,4-Dichlorobenzene | 7 - 105 | 24 | 31 - 74 | 27 |
| N-nitroso-di-n-propylamine | 30 - 110 | 21 | 23 - 117 | 32 |
| 1,2,4-Trichlorobenzene | 33 - 96 | 16 | 28 - 79 | 26 |
| 4-Chloro-3-methylphenol | 63 - 100 | 17 | 55 - 99 | 53 |
| Acenaphthene | 57 - 106 | 19 | 48 - 99 | 21 |
| 4-Nitrophenol | 23 - 139 | 77 | 60 - 145 | 42 |
| 2,4-Dinitrotoluene | 13 - 116 | 55 | 44 - 86 | 21 |
| Pentachlorophenol | 33 - 120 | 50 | 60 - 99 | 33 |
| Pyrene | 19 - 156 | 83 | 55 - 102 | 21 |

TABLE G5-3
LOW AND HIGH MATRIX SPIKE QUALITY CONTROL CRITERIA

| Compounds | Solid | | Aqueous | |
|-------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|
| | Percent Recovery Low Spike | Percent Recovery High Spike | Percent Recovery Low Spike | Percent Recovery High Spike |
| Pesticides | | | | |
| Endosulfan I | 78.4 - 101.4 | 67.9 - 113.1 | 72.1 - 96.7 | 58.0 - 106 |
| Aldrin | 70.5 - 91.5 | 62.8 - 102.6 | 52.7 - 75.7 | 42.2 - 83.6 |
| Dieldrin | 76.1 - 96.7 | 63.1 - 110.1 | 65.3 - 82.7 | 56.6 - 89.6 |
| Endrin | 68.1 - 89.7 | 95.8 - 60.0 | 65.5 - 87.1 | 56.2 - 94.2 |
| Heptachlor | 75.8 - 96.6 | 65.5 - 104.3 | 59.8 - 78.6 | 49.3 - 87.7 |
| Lindane | 68.0 - 91.2 | 58.7 - 101.1 | 63.7 - 79.5 | 54.2 - 87.0 |
| Methoxychlor | 81.7 - 102.3 | 64.3 - 113.5 | 79.8 - 97.4 | 73.3 - 104.9 |
| pp-DDT | 71.7 - 96.1 | 65.7 - 104.5 | 68.0 - 87.6 | 58.4 - 96.8 |

A P P E N D I X H

ANALYTICAL RESULTS

USTs EAST OF BUILDING 202

TABLE H-1
SUMMARY OF INORGANIC RESULTS FOR SCR SOIL SAMPLES
AT EXISTING/FORMER UST(S) EAST OF BUILDING 202

| Analytes ⁽¹⁾ | Detection Limits | A08-5 (6.5 feet bgs) | A08-6 (8.0 feet bgs) | A08-6 (10.0 feet bgs) | A08-7 (5.0 feet bgs) | A08-8 (5.0 feet bgs) | A08-9 (6.0 feet bgs) | BH-35 (6.0 feet bgs) | BH-36 (8.0 feet bgs) | BH-36 (10.0 feet bgs) |
|-------------------------|------------------|----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| Aluminum | 10.7 | 13,000 | 18,000 | 15,000 | 16,000 | 20,000 | 5,600 | 14,000 | 20,000 | 21,000 |
| Antimony | 82.9 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic | 0.200 | 0.777 | 1.11 | 0.73 | 1.37 | 0.732 | 0.367 | ND | 1.25 | 1.39 |
| Barium | 4.87 | 37.40 | 43.50 | 39.30 | 65 | 66.60 | 20.00 | 35.10 | 53.80 | 51.30 |
| Beryllium | 0.250 | 0.69 | 0.69 | 0.69 | 1.03 | 0.805 | ND | .345 | .805 | .805 |
| Cadmium | 0.427 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Calcium | 109 | 188 | 250 | 223 | 390 | 494 | 219 | 161 | 289 | 241 |
| Chromium | 0.974 | 19.70 I | 25.90 I | 22.50 I | 31.10 I | 29.00 I | 8.33 I | 21.20 I | 28.00 I | 28.50 I |
| Cobalt | 2.50 | 7.18 | 6.42 | 5.44 | 6.42 | 9.03 | ND | 5.11 | 16.40 | 11.80 |
| Copper | 3.38 | 8.73 | 10.80 | 10.20 | 11.40 | 9.88 | ND | 6.41 | 12.90 | 13.00 |
| Cyanide | 1.22 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | 12.0 | 20,000 | 20,000 | 19,000 | 29,000 | 20,000 | 6,300 | 8,500 | 26,000 | 28,000 |
| Lead | 0.700 | .812 | 7.88 | 7.95 | 10.30 | 9.06 | 3.22 | 8.19 | 11.20 | 11.00 |
| Magnesium | 138 | 2,380 | 2,310 | 2,140 | 2,730 | 2,930 | 823 | 2,150 | 3,220 | 3,260 |
| Manganese | 0.511 | 320 | 230 | 230 | 111 | 113.00 | 39.50 | 46.70 | 520 | 510 |
| Mercury | 0.0870 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Molybdenum | 4.00 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nickel | 7.50 | 8.03 | 9.85 | 8.03 | 10.20 | 12.00 | ND | ND | 12.30 | 13.00 |
| Potassium | 142 | 552 | 1,030 | 684 | 601 | 969 | 278 | 474 | 684 | 857 |
| Selenium | 12.4 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Sodium | 50.0 | 104 | 81.70 | 85.90 | 99.80 | 131 | ND | 78.30 | 87.40 | 102.00 |
| Thallium | 12.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vanadium | 2.00 | 41.20 | 46.90 | 40.40 | 62.60 | 50.20 | 14.80 | 30.90 | 56.10 | 58.40 |
| Zinc | 4.00 | 29 | 33.70 | 31.90 | 41.90 | 41.90 | 14.20 | 25.20 | 43.90 | 43.20 |

Key: B = Flag for analyte found in method blank or QC blank as well as the sample
I = Due to sample matrix or high concentration samples preceding low concentration samples, carry-over is possible. This could lead to instrument cross-contamination which will affect any positive compound identification.
ND = Not Detected
bgs = Below Ground Surface

Note: ⁽¹⁾ Concentrations reported in micrograms per gram (µg/g) equivalent to parts per million (ppm).

TABLE H-2
SUMMARY OF INORGANIC RESULTS FOR SCR WATER SAMPLES
AT EXISTING/FORMER UST(S) EAST OF BUILDING 202

| Analytes ⁽¹⁾ | MW-31 | MW-32D2 | MW-32S | MW-33 | MW-34 | MW-35 | MW-36 | MW-36D |
|-------------------------|--------|---------|--------|--------|-------|--------|--------|--------|
| Aluminum | ND | ND | ND | ND | ND | ND | ND | ND |
| Antimony | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic | ND | ND | ND | ND | ND | ND | ND | ND |
| Barium | 65.5 | 58.5 | 23.2 | 24.2 | 31.3 | 52.4 | 51.4 | 51.4 |
| Beryllium | ND | ND | ND | ND | ND | ND | ND | ND |
| Cadmium | ND | ND | ND | ND | ND | ND | ND | ND |
| Calcium | 18,200 | 14,300 | 12,300 | 14,300 | 5,600 | 29,000 | 22,900 | 24,000 |
| Chromium | ND | ND | ND | ND | ND | ND | ND | ND |
| Cobalt | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | ND | ND | ND | ND | ND | ND | ND | ND |
| Cyanide | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | ND | 12,000 | 3,210 | 5,300 | ND | 210 | ND | ND |
| Lead | ND | ND | ND | ND | ND | ND | ND | ND |
| Magnesium | 12,400 | 2,630 | 7,140 | 6,190 | 3,720 | 11,100 | 14,600 | 14,300 |
| Manganese | 335 | 509 | 307 | 406 | 161 | 394 | 8.03 | 9.04 |
| Mercury | ND | ND | ND | ND | ND | ND | ND | ND |
| Molybdenum | ND | ND | ND | ND | ND | ND | ND | ND |
| Nickel | ND | ND | ND | ND | ND | ND | ND | ND |
| Potassium | 1,860 | 1,370 | ND | ND | ND | 2,940 | 3,640 | 3,520 |
| Selenium | ND | ND | ND | ND | ND | ND | ND | ND |
| Sodium | 13,100 | 8,740 | 5,640 | 17,800 | 7,170 | 13,800 | 19,200 | 19,400 |
| Thallium | ND | ND | ND | ND | ND | ND | ND | ND |
| Vanadium | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc | ND | 23.4 | ND | 14.2 | ND | 26.4 | ND | ND |

Key: ND = Not Detected
bgs = Below Ground Surface
D = Duplicate

Note: ⁽¹⁾ Concentrations reported in micrograms per liter (µg/L) equivalent to parts per billion (ppb).

Final Documentation Appendix Report
 Installation: No
 File Type: CSO
 Sampling Date Range: 01-jan-1975 to 27-jan-1994
 For All Sites

12:0

| Site Type | Site ID | Depth | Sample Date | Lab | Meth/Matrix | CAS No. | Analyte Description | Meas. Bool. | Unit Conc. | Meas. Quals | Flag Codes | Data Quals |
|-----------|---------|-------|-------------|-----|-------------|---------|--|-------------|---------------|-------------|------------|------------|
| EXCV | A14-1 | 9.0 | 21-sep-1993 | PC | LM33 S | 79-00-5 | 1,1,2-Trichloroethane | LT | 0.003 UGG | | | |
| | | | | | | 79-01-6 | Trichloroethylene / Trichloroethene / Ethinyl trichloride / Tri-clene / Trielene / Trichloran / Trichloren / Alglyl* | LT | 0.003 UGG | | | |
| | | | | | | 79-01-6 | Trichloroethylene / Trichloroethene / Ethinyl trichloride / Tri-clene / Trielene / Trichloran / Trichloren / Alglyl* | LT | 0.003 UGG | | | |
| | | | | | | 79-34-5 | Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene tetrachloride / Cellon / Bonoform | LT | 0.012 UGG | | | |
| | | | | | | 79-34-5 | Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene tetrachloride / Cellon / Bonoform | LT | 0.012 UGG | | | |
| EXCV | A23-202 | 7.0 | 22-sep-1993 | PC | 00 S | | Total petroleum hydrocarbons | | 209.000 UGG | | | |
| EXCV | A23-202 | 7.5 | 22-sep-1993 | PC | 00 S | | Total petroleum hydrocarbons | | 302.000 UGG | | | |
| EXCV | A23-203 | 9.5 | 22-sep-1993 | PC | 00 S | | Total petroleum hydrocarbons | | 29.800 UGG | | | |
| GRAB | A07-1 | 4.5 | 29-sep-1993 | PC | JS14 S | 29-90-5 | Aluminum | | 21000.000 UGG | | | |
| | | | | | | 39-89-6 | Iron | | 15000.000 UGG | | | |
| | | | | | | 39-92-1 | Lead | | 18.600 UGG | | | |
| | | | | | | 39-95-4 | Magnesium | | 5170.000 UGG | | | |
| | | | | | | 39-96-5 | Manganese | | 75.100 UGG | | | |
| | | | | | | 39-98-7 | Molybdenum | | 4.000 UGG | | | |
| | | | | | | 40-02-0 | Nickel | LT | 32.300 UGG | | | |
| | | | | | | 40-09-7 | Potassium | | 1120.000 UGG | | | |
| | | | | | | 40-23-5 | Sodium | | 1100.000 UGG | | | |
| | | | | | | 40-28-0 | Thallium | | 12.500 UGG | | | |
| | | | | | | 40-36-0 | Antimony | LT | 82.900 UGG | | | |
| | | | | | | 40-39-3 | Barium | | 68.500 UGG | | | |
| | | | | | | 40-41-7 | Beryllium | | 1.800 UGG | | | |
| | | | | | | 40-43-9 | Cadmium | LT | 0.427 UGG | | | |
| | | | | | | 40-47-3 | Chromium | | 65.300 UGG | | | |
| | | | | | | 40-48-4 | Cobalt | | 19.600 UGG | | | |
| | | | | | | 40-50-8 | Copper | | 38.400 UGG | | | |
| | | | | | | 40-62-2 | Vanadium | | 84.300 UGG | | | |
| | | | | | | 40-66-6 | Zinc | | 128.000 UGG | | | |
| | | | | | | 40-70-2 | Calcium | LT | 830.000 UGG | | | |
| | | | | | | 82-49-2 | Selenium | | 12.400 UGG | | | |
| GRAB | A13-1 | 10.0 | 21-sep-1993 | PC | 00 S | | pH | | 6.500 | | | |
| GRAB | A18-1 | 2.0 | 18-sep-1993 | PC | JS14 S | 29-90-5 | Aluminum | | 6.600 | | | |
| | | | | | | 39-89-6 | Iron | | 7800.000 UGG | | | |
| | | | | | | 39-92-1 | Lead | | 7800.000 UGG | | | |
| | | | | | | 39-95-4 | Magnesium | | 25.000 UGG | | | |
| | | | | | | 39-96-5 | Manganese | | 1660.000 UGG | | | |
| | | | | | | 39-98-7 | Molybdenum | | 470.000 UGG | | | |
| | | | | | | 40-02-0 | Nickel | LT | 4.000 UGG | | | |
| | | | | | | 40-09-7 | Potassium | LT | 7.500 UGG | | | |
| | | | | | | 40-23-5 | Sodium | | 726.000 UGG | | | |
| | | | | | | 40-28-0 | Thallium | LT | 50.000 UGG | | | |
| | | | | | | 40-36-0 | Antimony | LT | 12.500 UGG | | | |
| | | | | | | 40-39-3 | Barium | LT | 82.900 UGG | | | |
| | | | | | | | | | 81.500 UGG | | | |

* - Analyte Description has been truncated. See Data Dictionary.

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-APR-94 01-MAY-94

| Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab | Meth/Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|------------|------------------|-------|-------------|----------|-----|-------------|--|--|-------------|---|--|-------------------------|------------|
| BORE A21-4 | 21BH0405 | 8.0 | 19-APR-94 | PC 82660 | | JS14/S | 7439-89- 7439-95- 7439-96- 7440-39- 7440-47- 7440-62- 7440-66- | Iron Magnesium Manganese Barium Chromium Vanadium Zinc | | 4900 271 113 6.83 6.37 7.25 8.51 1 | UGG UGG UGG UGG UGG UGG UGG UGG | | |
| | | | | | | LM30/S | | Unknown compound 531 Unknown compound 534 Unknown compound 624 Unknown compound 636 Unknown compound 638 | | .3 .2 .1 .1 .1 | UGG UGG UGG UGG UGG | B SB S SB S | |
| A23-1 | 23BH0102 | 4.0 | 18-APR-94 | PC 81213 | | 00 /S | 7439-92- | Total petroleum hydrocarbons | | 353 | UGG | | |
| | | | | | | 6010/S | 7439-92- | Lead | | 13 | UGG | | |
| A23-2 | 23BH0104 | 8.0 | 18-APR-94 | PC 81221 | | 6010/S | 7439-92- | Lead | | 7.8 | UGG | | |
| | 23BH0202 | 4.0 | 18-APR-94 | PC 81230 | | 00 /S | | Total petroleum hydrocarbons | | 75.2 | UGG | | |
| | | | | | | 6010/S | 7439-92- | Lead | | 12 | UGG | | |
| | 23BH0204 | 8.0 | 18-APR-94 | PC 81248 | | 6010/S | 7439-92- | Lead | | 4.7 | UGG | | |
| MW-31 | 08BH3105 | 8.0 | 18-APR-94 | PC 81337 | | 6010/S | 7439-92- | Lead | | 7.1 | UGG | | |
| MW-32 | 08BH3204 | 6.0 | 14-APR-94 | PC 79910 | | 00 /S | | Total petroleum hydrocarbons | | 2170 | UGG | | |
| | | | | | | 6010/S | 7439-92- | Lead | | 13 | UGG | | |
| | | | | | | 8080/S | 72-55-9 | 2,2-Bis(p-chlorophenyl)-1,1-dichloroethene | | 1.7 E -2 | UGG | | |
| | 08BH3206 | 10.0 | 14-APR-94 | PC 79928 | | 00 /S | | Total petroleum hydrocarbons | | 149 | UGG | | |
| | | | | | | 6010/S | 7439-92- | Lead | | 8.3 | UGG | | |
| | | | | | | 8080/S | 72-55-9 | 2,2-Bis(p-chlorophenyl)-1,1-dichloroethene | | 3.9 E -3 | UGG | | |
| MW-33 | 08BH3305 | 8.0 | 14-APR-94 | PC 79901 | | 6010/S | 7439-92- | Lead | | 5.2 | UGG | | |
| MW-34 | 08BH3405 | 8.0 | 18-APR-94 | PC 81353 | | 6010/S | 7439-92- | Lead | | 7.1 | UGG | | |
| A25-10 | 25SS1001 | 0.5 | 21-APR-94 | PC 84573 | | 2062/S | 7440-38- | Arsenic | | 1.6 | UGG | | |
| GRAB | | | | | | 6010/S | 7439-92- | Lead | | 18 | UGG | B | |
| | | | | | | JS14/S | 7429-90- | Aluminum | | 11000 | UGG | | |
| | | | | | | | 7439-89- | Iron | | 14000 | UGG | | |
| | | | | | | | 7439-92- | Lead | | 17.1 | UGG | | |
| | | | | | | | 7439-95- | Magnesium | | 736 | UGG | | |
| | | | | | | | 7439-96- | Manganese | | 2600 | UGG | | |
| | | | | | | | 7440-02- | Nickel | | 11.7 | UGG | | |
| | | | | | | | 7440-09- | Potassium | | 304 | UGG | | |
| | | | | | | | 7440-39- | Barium | | 124 | UGG | | |
| | | | | | | | 7440-41- | Beryllium | | 2.07 | UGG | | |
| | | | | | | | 7440-47- | Chromium | | 11.9 | UGG | | |
| | | | | | | | 7440-48- | Cobalt | | 26.4 | UGG | | |
| | | | | | | | 7440-62- | Vanadium | | 25.7 | UGG | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

[illegible]

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Field Sample No. | Depth | Sample Date | Lab Anly. No. | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|--------------|---------------------|-------|----------------|------------------|-----|-----------------|----------------------|----------------------|----------------|--------|---------------|---------------|---------------|
| BORE A08-6 | 08BH0608 | 8.0 | 02-MAR-95 | PC 52639 | | JS14/S | 7440-66- 7440-70- | Zinc Calcium | | | | | |
| | | | | | | LM30/S | | Unknown compound 531 | | 33.7 | UGG | | |
| | | | | | | | | Unknown compound 534 | | 250 | UGG | SB | |
| | | | | | | | | Unknown compound 537 | | .5 | UGG | SB | |
| | | | | | | | | Unknown compound 538 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 547 | | 10 | UGG | SB | |
| | | | | | | | | Unknown compound 622 | | .1 | UGG | SB | |
| | | | | | | | | Unknown compound 668 | | .2 | UGG | SB | |
| | | | | | | | | Arsenic | | .2 | UGG | S | |
| | | | | | | | | Lead | | 2 E -2 | UGG | SB | |
| | | | | | | | | Aluminum | | .73 | UGG | | |
| | | | | | | | | Iron | | 7.95 | UGG | | |
| | | | | | | | | Magnesium | | 15000 | UGG | | |
| | | | | | | | | Manganese | | 19000 | UGG | | |
| | | | | | | | | Nickel | | 2140 | UGG | | |
| | | | | | | | | Potassium | | 230 | UGG | | |
| | | | | | | | | Sodium | | 8.03 | UGG | | |
| | | | | | | | | Barium | | 684 | UGG | | |
| | | | | | | | | Beryllium | | 85.9 | UGG | | |
| | | | | | | | | Chromium | | 39.3 | UGG | | |
| | | | | | | | | Cobalt | | .69 | UGG | | |
| | | | | | | | | Copper | | 22.5 | UGG | | |
| | | | | | | | | Vanadium | | 5.44 | UGG | | |
| | | | | | | | | Zinc | | 10.2 | UGG | | |
| | | | | | | | | Calcium | | 40.4 | UGG | | |
| | | | | | | | | Unknown compound 531 | | 31.9 | UGG | | |
| | | | | | | | | Unknown compound 534 | | 223 | UGG | | |
| | | | | | | | | Unknown compound 537 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 539 | | .4 | UGG | SB | |
| | | | | | | | | Unknown compound 547 | | 10 | UGG | SB | |
| | | | | | | | | Unknown compound 644 | | .1 | UGG | S | |
| | | | | | | | | Unknown compound 668 | | .1 | UGG | SB | |
| | | | | | | | | Arsenic | | 1 E -2 | UGG | S | |
| | | | | | | | | Lead | | 1.37 | UGG | | |
| | | | | | | | | Aluminum | | 10.3 | UGG | | |
| | | | | | | | | Iron | | 16000 | UGG | | |
| | | | | | | | | Magnesium | | 29000 | UGG | | |
| | | | | | | | | Manganese | | 2730 | UGG | | |
| | | | | | | | | Nickel | | 111 | UGG | | |
| | | | | | | | | Potassium | | 10.2 | UGG | | |
| | | | | | | | | Sodium | | 601 | UGG | | |
| | | | | | | | | Barium | | 99.8 | UGG | | |
| | | | | | | | | | | 65 | UGG | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. | Lab No. | Meth/Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|---------|------------------|-------|-------------|-----------|---------|-------------|----------|----------------------|-------------|-------|------------|------------|------------|
| BORE | A08-7 | 08BH0705 | 5.0 | 01-MAR-95 | PC | 49131 | JS14/S | 7440-41- | Beryllium | | 1.03 | UGG | | |
| | | | | | | | | 7440-47- | Chromium | | 31.1 | UGG | | I |
| | | | | | | | | 7440-48- | Cobalt | | 6.42 | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 11.4 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 62.6 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 41.9 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 390 | UGG | | |
| | | | | | | | LM30/S | | Unknown compound 525 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 531 | | .1 | UGG | SB | |
| | | | | | | | | | Unknown compound 534 | | .5 | UGG | S | |
| | | | | | | | | | Unknown compound 538 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 544 | | .1 | UGG | SB | |
| | | | | | | | | | Unknown compound 547 | | .4 | UGG | SB | |
| | | | | | | | | | Unknown compound 622 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 636 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 639 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 640 | | .2 | UGG | S | |
| | | | | | | | | | | | .1 | UGG | SD | |
| | | | | | | | | | | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 641 | | .1 | UGG | SD | |
| | | | | | | | | | | | .4 | UGG | | |
| A08-8 | | 08BH0805 | 5.0 | 01-MAR-95 | PC | 49140 | 2062/S | 7440-38- | Arsenic | | .732 | UGG | | |
| | | | | | | | 6010/S | 7439-92- | Lead | | 9.06 | UGG | | |
| | | | | | | | JS14/S | 7429-90- | Aluminum | | 20000 | UGG | | |
| | | | | | | | | 7439-89- | Iron | | 20000 | UGG | | |
| | | | | | | | | 7439-95- | Magnesium | | 2930 | UGG | | |
| | | | | | | | | 7439-96- | Manganese | | 113 | UGG | | |
| | | | | | | | | 7440-02- | Nickel | | 12 | UGG | | |
| | | | | | | | | 7440-09- | Potassium | | 969 | UGG | | |
| | | | | | | | | 7440-23- | Sodium | | 131 | UGG | | |
| | | | | | | | | 7440-39- | Barium | | 66.6 | UGG | | |
| | | | | | | | | 7440-41- | Beryllium | | .805 | UGG | | |
| | | | | | | | | 7440-47- | Chromium | | 29 | UGG | | I |
| | | | | | | | | 7440-48- | Cobalt | | 9.03 | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 9.88 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 50.2 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 41.9 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 444 | UGG | | |
| | | | | | | | LM30/S | | Unknown compound 525 | | .4 | UGG | S | |
| | | | | | | | | | Unknown compound 531 | | .4 | UGG | SB | |
| | | | | | | | | | Unknown compound 534 | | .4 | UGG | SB | |
| | | | | | | | | | Unknown compound 538 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 545 | | .1 | UGG | SB | |
| | | | | | | | | | Unknown compound 546 | | .1 | UGG | S | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. No. | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|---------|------------------|-------|-------------|---------------|-----|--------------|----------|------------------------------|-------------|--------|------------|------------|------------|
| BORE | A08-8 | 08BH0805 | 5.0 | 01-MAR-95 | PC 49140 | | LM30/S | | Unknown compound 547 | | .4 | UGG | SB | |
| | A08-9 | 08BH0906 | 6.0 | 01-MAR-95 | PC 49158 | | LM33/S | | Unknown compound 095 | | 6 E -3 | UGG | S | |
| | | | | | | | 00 /S | 7440-38- | Total petroleum hydrocarbons | | 1430 | UGG | | |
| | | | | | | | 2062/S | 7440-38- | Arsenic | | .367 | UGG | | |
| | | | | | | | 6010/S | 7439-92- | Lead | | 3.22 | UGG | | |
| | | | | | | | JS14/S | 7429-90- | Aluminum | | 5600 | UGG | | |
| | | | | | | | | 7439-89- | Iron | | 6300 | UGG | | |
| | | | | | | | | 7439-95- | Magnesium | | 823 | UGG | | |
| | | | | | | | | 7439-96- | Manganese | | 39.5 | UGG | | |
| | | | | | | | | 7440-09- | Potassium | | 278 | UGG | | |
| | | | | | | | | 7440-39- | Barium | | 20 | UGG | | |
| | | | | | | | | 7440-47- | Chromium | | 8.33 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 14.8 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 14.2 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 219 | UGG | | |
| | | | | | | | LM30/S | 85-01-8 | Phenanthrene | | .42 | UGG | 3 | |
| | | | | | | | | | Unknown compound 530 | | .7 | UGG | SB3 | |
| | | | | | | | | | Unknown compound 535 | | 5 | UGG | SB3 | |
| | | | | | | | | | Unknown compound 568 | | .4 | UGG | S3 | |
| | | | | | | | | | Unknown compound 569 | | .1 | UGG | S3 | |
| | | | | | | | | | Unknown compound 570 | | .2 | UGG | SD3 | |
| | | | | | | | | | Unknown compound 571 | | .1 | UGG | S3 | |
| | | | | | | | | | Unknown compound 572 | | .2 | UGG | SD3 | |
| | | | | | | | | | Unknown compound 573 | | .2 | UGG | S3 | |
| | | | | | | | | | Unknown compound 574 | | .5 | UGG | S3 | |
| | | | | | | | | | Unknown compound 575 | | .1 | UGG | SD3 | |
| | | | | | | | | | Unknown compound 576 | | .4 | UGG | S3 | |
| | | | | | | | | | Unknown compound 577 | | .2 | UGG | SD3 | |
| | | | | | | | | | Unknown compound 579 | | .8 | UGG | S3 | |
| | | | | | | | | | Unknown compound 580 | | .6 | UGG | S3 | |
| | | | | | | | | | Unknown compound 581 | | .7 | UGG | SD3 | |
| | | | | | | | | | Unknown compound 584 | | .8 | UGG | S3 | |
| | | | | | | | | | Unknown compound 585 | | .5 | UGG | S3 | |
| | | | | | | | | | Unknown compound 586 | | .2 | UGG | S3 | |
| | | | | | | | | | Unknown compound 587 | | .8 | UGG | S3 | |
| | | | | | | | | | | | .4 | UGG | S3 | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab | Meth/Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|---------|------------------|-------|-------------|----------|-----|-------------|---------|----------------------|-------------|--------|------------|------------|------------|
| BORE | A08-9 | 08BH0906 | 6.0 | 01-MAR-95 | PC 49158 | | LM30/S | | Unknown compound 588 | | 1 | UGG | S3 | |
| | | | | | | | | | Unknown compound 594 | | 1 | UGG | SD3 | |
| | | | | | | | | | Unknown compound 595 | | .1 | UGG | S3 | |
| | | | | | | | | | Unknown compound 596 | | 4 | UGG | S3 | |
| | | | | | | | | | | | .7 | UGG | S3 | |
| | | | | | | | | | | | .5 | UGG | SD3 | |
| | | | | | | | | | Unknown compound 597 | | .6 | UGG | S3 | |
| | | | | | | | | | Unknown compound 598 | | .5 | UGG | S3 | |
| | | | | | | | | | Unknown compound 600 | | 2 | UGG | S3 | |
| | | | | | | | | | Unknown compound 601 | | .5 | UGG | S3 | |
| | | | | | | | | | Unknown compound 602 | | .4 | UGG | S3 | |
| | | | | | | | | | Unknown compound 603 | | .4 | UGG | S3 | |
| | | | | | | | | | Unknown compound 605 | | .5 | UGG | S3 | |
| | | | | | | | | | Unknown compound 606 | | .5 | UGG | S3 | |
| | | | | | | | | | Unknown compound 607 | | .2 | UGG | S3 | |
| | | | | | | | | | Unknown compound 608 | | .4 | UGG | S3 | |
| | | | | | | | | | Unknown compound 610 | | .1 | UGG | S3 | |
| | | | | | | | | | Unknown compound 611 | | .4 | UGG | S3 | |
| | | | | | | | | | | | .2 | UGG | SD3 | |
| | | | | | | | | | Unknown compound 613 | | .1 | UGG | S3 | |
| | | | | | | | LM33/S | | Unknown compound 155 | | 2 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 167 | | 3 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 168 | | 3 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 173 | | 3 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 178 | | 2 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 184 | | 6 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 185 | | 6 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 187 | | 3 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 191 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 193 | | 2 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 195 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 198 | | .3 | UGG | S | |
| | | | | | | | | | Unknown compound 205 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 214 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 217 | | .3 | UGG | S | |
| | | | | | | | | | Unknown compound 221 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 228 | | .3 | UGG | S | |
| | | | | | | | | | Unknown compound 230 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 232 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 234 | | .3 | UGG | S | |
| | | | | | | | | | Unknown compound 240 | | .3 | UGG | S | |
| | | | | | | | | | Unknown compound 245 | | .6 | UGG | S | |
| | | | | | | | | | Unknown compound 252 | | .6 | UGG | S | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab Anly. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|---------|------------------|-------|-------------|---------|-----------|--------------|----------|----------------------|-------------|--------|------------|------------|------------|
| BORE | A08-9 | 08BH0906 | 6.0 | 01-MAR-95 | PC | 49158 | LM33/S | | Unknown compound 263 | | 6 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 265 | | 3 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 271 | | 3 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 355 | | 6 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 359 | | 3 E -2 | UGG | S | |
| MW-35 | | 08MW3506 | 6.0 | 01-MAR-95 | PC | 49166 | 6010/S | 7439-92- | Lead | | 8.19 | UGG | | |
| | | | | | | | JS14/S | 7429-90- | Aluminum | | 14000 | UGG | | |
| | | | | | | | | 7439-89- | Iron | | 8500 | UGG | | |
| | | | | | | | | 7439-95- | Magnesium | | 2150 | UGG | | |
| | | | | | | | | 7439-96- | Manganese | | 46.7 | UGG | | |
| | | | | | | | | 7440-09- | Potassium | | 474 | UGG | | |
| | | | | | | | | 7440-23- | Sodium | | 78.3 | UGG | | |
| | | | | | | | | 7440-39- | Barium | | 35.1 | UGG | | |
| | | | | | | | | 7440-41- | Beryllium | | -345 | UGG | | |
| | | | | | | | | 7440-47- | Chromium | | 21.2 | UGG | | |
| | | | | | | | | 7440-48- | Cobalt | | 5.11 | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 6.41 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 30.9 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 25.2 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 161 | UGG | | |
| | | | | | | | LM30/S | | Unknown compound 531 | | .4 | UGG | SB | |
| | | | | | | | | | Unknown compound 533 | | .4 | UGG | SB | |
| | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 544 | | 8 E -2 | UGG | SB | |
| | | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | | Unknown compound 068 | | 1 E -2 | UGG | SB | |
| MW-36 | | 08MW3608 | 8.0 | 02-MAR-95 | PC | 52612 | LM33/S | 7440-38- | Arsenic | | 1.25 | UGG | | |
| | | | | | | | 2062/S | 7439-92- | Lead | | 11.2 | UGG | | |
| | | | | | | | 6010/S | 7429-90- | Aluminum | | 20000 | UGG | | |
| | | | | | | | JS14/S | 7439-89- | Iron | | 26000 | UGG | | |
| | | | | | | | | 7439-95- | Magnesium | | 3220 | UGG | | |
| | | | | | | | | 7439-96- | Manganese | | 520 | UGG | | |
| | | | | | | | | 7440-02- | Nickel | | 12.3 | UGG | | |
| | | | | | | | | 7440-09- | Potassium | | 684 | UGG | | |
| | | | | | | | | 7440-23- | Sodium | | 87.4 | UGG | | |
| | | | | | | | | 7440-39- | Barium | | 53.8 | UGG | | |
| | | | | | | | | 7440-41- | Beryllium | | .805 | UGG | | |
| | | | | | | | | 7440-47- | Chromium | | 28 | UGG | | |
| | | | | | | | | 7440-48- | Cobalt | | 16.4 | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 12.9 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 56.1 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 43.9 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 289 | UGG | | |

* - Analyte Description has been truncated. See Data Dictionary

01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab | Lab Anly. | No. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|----------|------------------|-----------|-------------|-------|-----------|-----|--------------|---------|------------------------------|-------------|----------|------------|------------|------------|
| BORE | MW-36 | 08MW3608 | 8.0 | 02-MAR-95 | PC | 52612 | | LM30/S | | Unknown compound 525 | | .1 | UGG | S | |
| | | | | | | | | | | Unknown compound 531 | | .8 | UGG | SB | |
| | | | | | | | | | | Unknown compound 533 | | .2 | UGG | SB | |
| | | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | | | Unknown compound 538 | | .2 | UGG | S | |
| | | | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | | | Unknown compound 273 | | 6 E -3 | UGG | S | |
| | | | | | | | | | | Arsenic | | 1.39 | UGG | | |
| | | | | | | | | | | Lead | | 11 | UGG | | |
| | | | | | | | | | | Aluminum | | 21000 | UGG | | |
| | | | | | | | | | | Iron | | 28000 | UGG | | |
| | | | | | | | | | | Magnesium | | 3260 | UGG | | |
| | | | | | | | | | | Manganese | | 510 | UGG | | |
| | | | | | | | | | | Nickel | | 13 | UGG | | |
| | | | | | | | | | | Potassium | | 857 | UGG | | |
| | | | | | | | | | | Unknown compound 531 | | .5 | UGG | SB | |
| | | | | | | | | | | Unknown compound 534 | | .2 | UGG | SB | |
| | | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | | | Unknown compound 578 | | .6 | UGG | S | |
| | | | | | | | | | | Unknown compound 619 | | 9 E -2 | UGG | S | |
| | | | | | | | | | | Unknown compound 637 | | .1 | UGG | S | |
| | | | | | | | | | | Acetone | | 4.0 E -2 | UGG | 1 | |
| | | | | | | | | | | Total petroleum hydrocarbons | | 159 | UGG | | |
| | | | | | | | | | | Lead | | 6.22 | UGG | | |
| | | | | | | | | | | Aluminum | | 12000 | UGG | | |
| | | | | | | | | | | Iron | | 7700 | UGG | | |
| | | | | | | | | | | Magnesium | | 1620 | UGG | | |
| | | | | | | | | | | Manganese | | 32.4 | UGG | | |
| | | | | | | | | | | Potassium | | 544 | UGG | | |
| Sodium | | 154 | UGG | | | | | | | | | | | | |
| Barium | | 58.8 | UGG | | | | | | | | | | | | |
| Beryllium | | .575 | UGG | | | | | | | | | | | | |
| Chromium | | 20.7 | UGG | | | | | | | | | | | | |
| MW-37 | 08MW3706 | 6.0 | 02-MAR-95 | PC | 52604 | | | | | Unknown compound 531 | | .5 | UGG | SB | |
| | | | | | | | | | | Unknown compound 534 | | .2 | UGG | SB | |
| | | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | | | Unknown compound 578 | | .6 | UGG | S | |
| | | | | | | | | | | Unknown compound 619 | | 9 E -2 | UGG | S | |
| | | | | | | | | | | Unknown compound 637 | | .1 | UGG | S | |
| | | | | | | | | | | Acetone | | 4.0 E -2 | UGG | 1 | |
| | | | | | | | | | | Total petroleum hydrocarbons | | 159 | UGG | | |
| | | | | | | | | | | Lead | | 6.22 | UGG | | |
| | | | | | | | | | | Aluminum | | 12000 | UGG | | |
| | | | | | | | | | | Iron | | 7700 | UGG | | |
| | | | | | | | | | | Magnesium | | 1620 | UGG | | |
| | | | | | | | | | | Manganese | | 32.4 | UGG | | |
| | | | | | | | | | | Potassium | | 544 | UGG | | |
| | | | | | | | | | | Sodium | | 154 | UGG | | |
| | | | | | | | | | | Barium | | 58.8 | UGG | | |
| | | | | | | | | | | Beryllium | | .575 | UGG | | |
| | | | | | | | | | | Chromium | | 20.7 | UGG | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab Anly. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|----------|------------------|-----------|-------------|---------|-----------|--------------|----------|------------------------------|-------------|----------|------------|------------|------------|
| BORE | MW-37 | 08MW3706 | 6.0 | 02-MAR-95 | PC | 52604 | JS14/S | 7440-48- | Cobalt | | | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 4.03 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 7.57 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 29.5 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 24.1 | UGG | | |
| | | | | | | | LM30/S | 85-01-8 | Phenanthrene | | 224 | UGG | | |
| | | | | | | | | 91-20-3 | Naphthalene / Tar camphor | | .42 | UGG | | |
| | | | | | | | | 91-57-6 | 2-Methylnaphthalene | | .48 | UGG | | |
| | | | | | | | | | Unknown compound 531 | | .36 | UGG | | |
| | | | | | | | | | Unknown compound 534 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 538 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 547 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 575 | | .4 | UGG | SB | |
| | | | | | | | | | Unknown compound 581 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 606 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 614 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 622 | | 9 E -2 | UGG | S | |
| | | | | | | | LM33/S | 67-64-1 | Acetone | | .4 | UGG | S | |
| | | | | | | | | | Unknown compound 068 | | 2.6 E -2 | UGG | 1 | |
| | | | | | | | | | Unknown compound 095 | | 9 E -3 | UGG | S | |
| | | | | | | | | | Unknown compound 303 | | 9 E -3 | UGG | S | |
| | | | | | | | | | Total petroleum hydrocarbons | | 7 E -3 | UGG | S | |
| MW-38 | 08MW3806 | 6.0 | 02-MAR-95 | PC | 52647 | 00 /S | 6010/S | 7439-92- | Lead | | 82.3 | UGG | | |
| | | | | | | | | 7429-90- | Aluminum | | 8.47 | UGG | | |
| | | | | | | | JS14/S | 7439-89- | Iron | | 12000 | UGG | | |
| | | | | | | | | 7439-95- | Magnesium | | 8600 | UGG | | |
| | | | | | | | | 7439-96- | Manganese | | 2250 | UGG | | |
| | | | | | | | | 7440-02- | Nickel | | 42.5 | UGG | | |
| | | | | | | | | 7440-09- | Potassium | | 8.89 | UGG | | |
| | | | | | | | | 7440-23- | Sodium | | 528 | UGG | | |
| | | | | | | | | 7440-39- | Barium | | 165 | UGG | | |
| | | | | | | | | 7440-41- | Beryllium | | 73.4 | UGG | | |
| | | | | | | | | 7440-47- | Chromium | | .69 | UGG | | |
| | | | | | | | | 7440-48- | Cobalt | | 25.7 | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 3.26 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 10.6 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 37.4 | UGG | | |
| | | | | | | | LM30/S | 7440-70- | Calcium | | 36.5 | UGG | | |
| | | | | | | | | | Unknown compound 531 | | 470 | UGG | | |
| | | | | | | | | | Unknown compound 533 | | .5 | UGG | SB | |
| | | | | | | | | | Unknown compound 535 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 537 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 538 | | 10 | UGG | SB | |
| | | | | | | | | | | | .2 | UGG | SB | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab | Meth/Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data |
|------------|------------------|-------|-------------|----------|-----|-------------|----------|----------------------|-------------|--------|------------|------------|------|
| BORE MW-38 | 08MW3806 | 6.0 | 02-MAR-95 | PC 52647 | | LM30/S | | Unknown compound 547 | | .2 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 623 | | 1 | UGG | S | |
| | | | | | | | | Unknown compound 068 | | 5 E -2 | UGG | SB | |
| | | | | | | | | Unknown compound 094 | | 7 E -3 | UGG | S | |
| MW-39 | 08MW3904 | 4.0 | 03-MAR-95 | PC 52744 | | 6010/S | 7439-92- | Lead | | 3.52 | UGG | | |
| | | | | | | JS14/S | 7429-90- | Aluminum | | 6400 | UGG | | |
| | | | | | | | 7439-89- | Iron | | 7900 | UGG | | |
| | | | | | | | 7439-95- | Magnesium | | 924 | UGG | | |
| | | | | | | | 7439-96- | Manganese | | 70.4 | UGG | | |
| | | | | | | | 7440-09- | Potassium | | 285 | UGG | | |
| | | | | | | | 7440-23- | Sodium | | 58.9 | UGG | | |
| | | | | | | | 7440-39- | Barium | | 15.7 | UGG | | |
| | | | | | | | 7440-47- | Chromium | | 9.4 | UGG | | |
| | | | | | | | 7440-50- | Copper | | 3.58 | UGG | | |
| | | | | | | | 7440-62- | Vanadium | | 17.7 | UGG | | |
| | | | | | | | 7440-66- | Zinc | | 18.5 | UGG | | |
| | | | | | | LM30/S | | Unknown compound 531 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 534 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | Unknown compound 068 | | 4 E -2 | UGG | SB | |
| | | | | | | | | Unknown compound 095 | | 9 E -3 | UGG | S | |
| MW-40 | 08MW4006 | 6.0 | 01-MAR-95 | PC 49174 | | 2062/S | 7440-38- | Arsenic | | .496 | UGG | | |
| | | | | | | 6010/S | 7439-92- | Lead | | 4 | UGG | | |
| | | | | | | JS14/S | 7429-90- | Aluminum | | 7600 | UGG | | |
| | | | | | | | 7439-89- | Iron | | 14000 | UGG | | |
| | | | | | | | 7439-95- | Magnesium | | 953 | UGG | | |
| | | | | | | | 7439-96- | Manganese | | 240 | UGG | | |
| | | | | | | | 7440-09- | Potassium | | 352 | UGG | | |
| | | | | | | | 7440-23- | Sodium | | 73 | UGG | | |
| | | | | | | | 7440-39- | Barium | | 21.4 | UGG | | |
| | | | | | | | 7440-41- | Beryllium | | .46 | UGG | | |
| | | | | | | | 7440-47- | Chromium | | 9.94 | UGG | | |
| | | | | | | | 7440-48- | Cobalt | | 7.29 | UGG | | |
| | | | | | | | 7440-50- | Copper | | 4.84 | UGG | | |
| | | | | | | | 7440-62- | Vanadium | | 20.7 | UGG | | |
| | | | | | | | 7440-66- | Zinc | | 17.8 | UGG | | |
| | | | | | | LM30/S | | Calcium | | 122 | UGG | | |
| | | | | | | | | Unknown compound 531 | | .4 | UGG | SB | |
| | | | | | | | | Unknown compound 534 | | .5 | UGG | SB | |
| | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | Unknown compound 538 | | .2 | UGG | S | |
| | | | | | | | | Unknown compound 544 | | 9 E -2 | UGG | SB | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. | Lab No. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|--------------|------------|---------------------|-------|----------------|--------------|------------|-----------------|---------|----------------------|----------------|--------|---------------|---------------|---------------|
| BORE | MW-40 | 08MW4006 | 6.0 | 01-MAR-95 | PC | 49174 | LM30/S | | Unknown compound 547 | | .2 | UGG | SB | |
| | | | | | | | LM33/S | | Unknown compound 622 | | .1 | UGG | S | |
| | | | | | | | 6010/S | | Unknown compound 095 | | 7 E -3 | UGG | S | |
| | | | | | | | JS14/S | | Lead | | 6.44 | UGG | | |
| | | | | | | | 7439-92- | | Aluminum | | 8300 | UGG | | |
| | | | | | | | 7429-90- | | Iron | | 13000 | UGG | | |
| | | | | | | | 7439-89- | | Magnesium | | 1590 | UGG | | |
| | | | | | | | 7439-95- | | Manganese | | 85.1 | UGG | | |
| | | | | | | | 7439-96- | | Potassium | | 1040 | UGG | | |
| | | | | | | | 7440-09- | | Sodium | | 59 | UGG | | |
| | | | | | | | 7440-23- | | Barium | | 28.7 | UGG | | |
| | | | | | | | 7440-39- | | Beryllium | | .345 | UGG | | |
| | | | | | | | 7440-41- | | Chromium | | 17.1 | UGG | | |
| | | | | | | | 7440-47- | | Copper | | 4.94 | UGG | | |
| | | | | | | | 7440-50- | | Vanadium | | 28.1 | UGG | | |
| | | | | | | | 7440-62- | | Zinc | | 22 | UGG | | |
| | | | | | | | 7440-66- | | Calcium | | 384 | UGG | | |
| | | | | | | | 7440-70- | | Unknown compound 531 | | .2 | UGG | SB | |
| | | | | | | | LM30/S | | Unknown compound 533 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | LM33/S | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | | Unknown compound 622 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 068 | | 1 E -2 | UGG | SB | |

** End of Report - 410 - Records Found **

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CGW
 Sampling Date Range: 01-APR-94 01-JUL-94

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. No. | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|---------|------------------|-------|-------------|---------------|-----|--------------|----------|---------------------|-------------|-------|------------|------------|------------|
| WELL | A23-1 | 23MW1301 | 0.0 | 17-MAY-94 | PC 106690 | | 6010/W | 7439-92- | Lead | | 3.6 | UGL | | |
| | A23-2 | 23MW1401 | 0.0 | 17-MAY-94 | PC 106844 | | 6010/W | 7439-92- | Lead | | 7.2 | UGL | | |
| | MW-31 | 08MW3101 | 0.0 | 12-MAY-94 | PC 103799 | | 6010/W | 7439-92- | Lead | | 4 | UGL | | |
| | MW-32 | 08MW3201 | 0.0 | 16-MAY-94 | PC 105767 | | 6010/W | 7439-92- | Lead | | 5.3 | UGL | | |
| | MW-32S | 08MW3212 | 0.0 | 17-MAY-94 | PC 106682 | | 8020/W | 100-41-4 | Ethylbenzene | | .65 | UGL | | |
| | MW-33 | 08MW3301 | 0.0 | 12-MAY-94 | PC 103780 | | 6010/W | 7439-92- | Lead | | 9.1 | UGL | | |

** End of Report - 6 - Records Found **

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CGW
 Sampling Date Range: 01-APR-95 01-JUL-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab Anly. | Meth/Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|---------|------------------|-------|-------------|---------|-----------|-------------|----------------------|---------------------|-------------|-------|------------|------------|------------|
| WELL | MW-31 | 08MW3102 | 0.0 | 21-APR-95 | PC | 107948 | SS15/W | 7439-95- | Magnesium | | 12400 | UGL | | |
| | | | | | | | | 7439-96- | Manganese | | 335 | UGL | | |
| | | | | | | | | 7440-09- | Potassium | | 1860 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 13100 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 65.5 | UGL | | |
| | MW-32 | 08MW32D2 | 0.0 | 24-APR-95 | PC | 109843 | SS15/W | 7440-70- | Calcium | | 18200 | UGL | | |
| | | | | | | | | 7439-89- | Iron | | 12000 | UGL | | |
| | | | | | | | | 7439-95- | Magnesium | | 2630 | UGL | | |
| | | | | | | | | 7439-96- | Manganese | | 509 | UGL | | |
| | | | | | | | | 7440-09- | Potassium | | 1370 | UGL | | |
| | MW-32S | 08MW32S2 | 0.0 | 21-APR-95 | PC | 107956 | SS15/W | 7440-23- | Sodium | | 8740 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 58.5 | UGL | | |
| | | | | | | | | 7440-66- | Zinc | | 23.4 | UGL | | |
| | | | | | | | | 7440-70- | Calcium | | 14300 | UGL | | |
| | | | | | | | | 7439-89- | Iron | | 3210 | UGL | | |
| | MW-33 | 08MW3302 | 0.0 | 21-APR-95 | PC | 107964 | UM05/W | 7439-95- | Magnesium | | 5300 | UGL | | |
| | | | | | | | | 7439-96- | Manganese | | 6190 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 406 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 17800 | UGL | | |
| | | | | | | | | 7440-66- | Zinc | | 24.2 | UGL | | |
| | MW-33 | 08MW3302 | 0.0 | 21-APR-95 | PC | 107964 | UM06/W | 7440-70- | Calcium | | 14300 | UGL | | |
| | | | | | | | | Unknown compound 250 | | 8 | UGL | | | |
| | | | | | | | | Unknown compound 266 | | 7 | UGL | | | |
| | | | | | | | | Unknown compound 269 | | 10 | UGL | | | |
| | | | | | | | | Unknown compound 277 | | 5 | UGL | | | |
| | MW-33 | 08MW3302 | 0.0 | 21-APR-95 | PC | 107964 | UM05/W | Unknown compound 279 | | 8 | UGL | | | |
| | | | | | | | | Unknown compound 284 | | 5 | UGL | | | |
| | | | | | | | | Unknown compound 285 | | 5 | UGL | | | |
| | | | | | | | | Unknown compound 293 | | 6 | UGL | | | |
| | | | | | | | | Unknown compound 299 | | 6 | UGL | | | |
| | MW-33 | 08MW3302 | 0.0 | 21-APR-95 | PC | 107964 | SS15/W | Unknown compound 304 | | 5 | UGL | | | |
| | | | | | | | | Unknown compound 565 | | 70 | UGL | | | |
| | | | | | | | | Unknown compound 582 | | 30 | UGL | | | |
| | | | | | | | | Iron | | 5300 | UGL | | | |
| | | | | | | | | Magnesium | | 6190 | UGL | | | |
| | MW-33 | 08MW3302 | 0.0 | 21-APR-95 | PC | 107964 | SS15/W | 7439-96- | Manganese | | 406 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 17800 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 24.2 | UGL | | |
| | | | | | | | | 7440-66- | Zinc | | 14.2 | UGL | | |
| | | | | | | | | 7440-70- | Calcium | | 14300 | UGL | | |
| | MW-33 | 08MW3302 | 0.0 | 21-APR-95 | PC | 107964 | UM05/W | Unknown compound 023 | | 8 | UGL | | | |
| | | | | | | | | Unknown compound 233 | | 8 | UGL | | | |
| | | | | | | | | Unknown compound 269 | | 6 | UGL | | | |
| | | | | | | | | Unknown compound 279 | | 7 | UGL | | | |
| | | | | | | | | Unknown compound 279 | | 7 | UGL | | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CGW
 Sampling Date Range: 01-APR-95 01-JUL-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. | Lab | Meth/ No. Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Qual. |
|-----------|---------|------------------|-------|-------------|-----------|--------|------------------|--------------------|----------------------|-------------|-------|------------|------------|------------|
| WELL | MW-33 | 08MW3302 | 0.0 | 21-APR-95 | PC | 107964 | UM05/W | | Unknown compound 284 | | 6 | UGL | S | |
| | | | | | | | | | Unknown compound 285 | | 6 | UGL | S | |
| | | | | | | | | | Unknown compound 297 | | 6 | UGL | S | |
| | | | | | | | | | Unknown compound 302 | | 6 | UGL | S | |
| | | | | | | | | | Unknown compound 304 | | 8 | UGL | S | |
| | | | | | | | | | Unknown compound 576 | | 60 | UGL | S | |
| MW-34 | | 08MW3402 | 0.0 | 21-APR-95 | PC | 107972 | SS15/W | 7439-95- Magnesium | | | 3720 | UGL | | |
| | | | | | | | | 7439-96- Manganese | | | 161 | UGL | | |
| | | | | | | | | 7440-23- Sodium | | | 7170 | UGL | | |
| | | | | | | | | 7440-39- Barium | | | 31.3 | UGL | | |
| | | | | | | | | 7440-70- Calcium | | | 5600 | UGL | | |
| MW-35 | | 08MW3501 | 0.0 | 24-APR-95 | PC | 109835 | SS15/W | 7439-89- Iron | | | 210 | UGL | | |
| | | | | | | | | 7439-95- Magnesium | | | 11100 | UGL | | |
| | | | | | | | | 7439-96- Manganese | | | 394 | UGL | | |
| | | | | | | | | 7440-09- Potassium | | | 2940 | UGL | | |
| | | | | | | | | 7440-23- Sodium | | | 13800 | UGL | | |
| | | | | | | | | 7440-39- Barium | | | 52.4 | UGL | | |
| | | | | | | | | 7440-66- Zinc | | | 26.4 | UGL | | |
| MW-36 | | 08MW3601 | 0.0 | 18-APR-95 | PC | 102512 | SS15/W | 7440-70- Calcium | | | 29000 | UGL | | |
| | | | | | | | | 7439-95- Magnesium | | | 14600 | UGL | | |
| | | | | | | | | 7439-96- Manganese | | | 8.03 | UGL | | |
| | | | | | | | | 7440-09- Potassium | | | 3640 | UGL | | |
| | | | | | | | | 7440-23- Sodium | | | 19200 | UGL | | |
| | | | | | | | | 7440-39- Barium | | | 51.4 | UGL | | |
| | | | | | | | | 7440-70- Calcium | | | 22900 | UGL | | |
| | | | | | | | | 7439-95- Magnesium | | | 14300 | UGL | | |
| | | | | | | | | 7439-96- Manganese | | | 9.04 | UGL | | |
| | | | | | | | | 7440-09- Potassium | | | 3520 | UGL | | |
| | | | | | | | | 7440-23- Sodium | | | 19400 | UGL | | |
| | | | | | | | | 7440-39- Barium | | | 51.4 | UGL | | |
| | | | | | | | | 7440-70- Calcium | | | 24000 | UGL | | |
| MW-37 | | 08MW3701 | 0.0 | 18-APR-95 | PC | 102490 | SS15/W | 7439-95- Magnesium | | | 4680 | UGL | | |
| | | | | | | | | 7439-96- Manganese | | | 321 | UGL | | |
| | | | | | | | | 7440-23- Sodium | | | 16900 | UGL | | |
| | | | | | | | | 7440-39- Barium | | | 48.4 | UGL | | |
| | | | | | | | | 7440-66- Zinc | | | 43.7 | UGL | | |
| | | | | | | | | 7440-70- Calcium | | | 9680 | UGL | | |
| | | | | | | | | 7439-89- Iron | | | 226 | UGL | | |
| MW-38 | | 08MW3801 | 0.0 | 18-APR-95 | PC | 102504 | SS15/W | 7439-95- Magnesium | | | 5100 | UGL | | |
| | | | | | | | | 7439-96- Manganese | | | 270 | UGL | | |
| | | | | | | | | 7440-23- Sodium | | | 16200 | UGL | | |
| | | | | | | | | 7440-39- Barium | | | 40.3 | UGL | | |
| | | | | | | | | 7440-66- Zinc | | | 30.5 | UGL | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CGW
 Sampling Date Range: 01-APR-95 01-JUL-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. No. | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|--------------|------------|---------------------|-------|----------------|------------------|-----|-----------------|----------|-----------------------------------|----------------|-------|---------------|---------------|---------------|
| WELL | MW-38 | 08MW3801 | 0.0 | 18-APR-95 | PC 102504 | | SS15/W | 7440-70- | Calcium | | 8640 | UGL | | |
| | MW-39 | 08MW3901 | 0.0 | 17-APR-95 | PC 101940 | | SS15/W | 7439-95- | Unknown compound 060 | | 8 | UGL | S | |
| | | | | | | | | 7439-96- | Magnesium | | 5270 | UGL | | |
| | | | | | | | | 7440-23- | Manganese | | 326 | UGL | | |
| | | | | | | | | 7440-39- | Sodium | | 5690 | UGL | | |
| | | | | | | | | 7440-66- | Barium | | 30.2 | UGL | | |
| | | | | | | | | 7440-70- | Zinc | | 92.6 | UGL | | |
| | | | | | | | | 7440-70- | Calcium | | 5300 | UGL | | |
| | | | | | | | UM05/W | 108-90-7 | Chlorobenzene / Monochlorobenzene | | 26 | UGL | S | |
| | | | | | | | | 67-64-1 | Acetone | | 11 | UGL | S | |
| | | | | | | | | | Unknown compound 226 | | 7 | UGL | S | |
| | | | | | | | | | Unknown compound 277 | | 8 | UGL | S | |
| | MW-40 | 08MW4001 | 0.0 | 17-APR-95 | PC 101958 | | SS15/W | 7439-89- | Iron | | 532 | UGL | | |
| | | | | | | | | 7439-95- | Magnesium | | 7360 | UGL | | |
| | | | | | | | | 7439-96- | Manganese | | 346 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 15700 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 83.7 | UGL | | |
| | | | | | | | | 7440-66- | Zinc | | 28.5 | UGL | | |
| | | | | | | | | 7440-70- | Calcium | | 10200 | UGL | | |
| | | | | | | | UM05/W | | Unknown compound 023 | | 30 | UGL | S | |

** End of Report - 106 - Records Found **

* - Analyte Description has been truncated. See Data Dictionary

BUILDING 202 SUMP

Final Documentation App Report
 Installation: h
 File Type: CSM
 Sampling Date Range: 01-jan-1975 to 27-jan-1994
 For All Sites

| Site Type | Site ID | Depth | Sample Date | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Unit Conc. | Flag Codes | Data Quals |
|-----------|---------|-------|-------------|-----|----------------|------------|--|-------------|---------------|------------|------------|
| POND | OU1-1 | 0.0 | 17-sep-1993 | PC | 00 W UH21 W | 01-35-2 | Total petroleum hydrocarbons | ND | 1000.000 UGL | T | |
| | | | | | | 03-71-9 | Toxaphene / Chlorinated camphene / Camphchlor / Alltox / Genephene / Motos / Perphene / Phenacide / Phenatox / Stro* | ND | 0.500 UGL | T | |
| | | | | | | 04-28-2 | alpha-Chlordane | LT | 0.020 UGL | | |
| | | | | | | 09-00-2 | PCB 1221 | ND | 0.200 UGL | T | |
| | | | | | | 13-65-9 | Aldrin | LT | 0.064 UGL | | |
| | | | | | | 19-84-6 | Endosulfan II / beta-Endosulfan | LT | 0.012 UGL | | |
| | | | | | | 19-85-7 | alpha-Hexachlorocyclohexane / alpha-Benzene hexachloride | LT | 0.043 UGL | | |
| | | | | | | 19-86-8 | beta-Hexachlorocyclohexane / beta-Benzene hexachloride | LT | 0.011 UGL | | |
| | | | | | | 21-93-4 | delta-Hexachlorocyclohexane / delta-Benzene hexachloride | LT | 0.049 UGL | | |
| | | | | | | 24-57-3 | Endrin aldehyde | LT | 0.070 UGL | | |
| | | | | | | 31-07-8 | Heptachlor epoxide | LT | 0.006 UGL | | |
| | | | | | | 41-16-5 | Endosulfan sulfate | LT | 0.020 UGL | | |
| | | | | | | 50-29-3 | PCB 1232 | ND | 0.100 UGL | T | |
| | | | | | | 58-89-9 | 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane | LT | 0.032 UGL | | |
| | | | | | | | Lindane / gamma-Benzene hexachloride / gamma-Hexachlorocyclohexane / 1alpha,2alpha,3beta,4alpha,5alpha,6beta-Hexach* | LT | 0.043 UGL | | |
| | | | | | | 59-98-8 | Endosulfan I / alpha-Endosulfan | LT | 0.009 UGL | | |
| | | | | | | 60-57-1 | Dieldrin | LT | 0.032 UGL | | |
| | | | | | | 66-34-7 | gamma-Chlordane | LT | 0.045 UGL | | |
| | | | | | | 69-21-9 | PCB 1242 | ND | 0.100 UGL | T | |
| | | | | | | 72-20-8 | Endrin | LT | 0.037 UGL | | |
| | | | | | | 72-29-6 | PCB 1248 | ND | 0.100 UGL | T | |
| | | | | | | 72-43-5 | Methoxychlor / Methoxy-DDT / 1,1'-(2,2,2-Trichloroethylidene)-bis[4-methoxybenzene] | LT | 0.267 UGL | | |
| | | | | | | 72-54-8 | ppDD / 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane / Rhothane / TDE / 1,1'-(2,2-Dichloroethylidene)bis(4-chlorobenzene) | LT | 0.085 UGL | | |
| | | | | | | 72-55-9 | 2,2-Bis(p-chlorophenyl)-1,1-dichloroethene | LT | 0.095 UGL | | |
| | | | | | | 74-11-2 | PCB 1016 | ND | 0.100 UGL | T | |
| | | | | | | 76-44-8 | Heptachlor / 1H-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene | LT | 0.063 UGL | | |
| | | | | | | 94-70-5 | Endrin ketone | LT | 0.028 UGL | | |
| | | | | | | 96-82-5 | PCB 1260 | ND | 0.100 UGL | T | |
| | | | | | | 97-69-1 | PCB 1254 | ND | 0.100 UGL | T | |
| SUMP | A23-1 | 0.0 | 23-sep-1993 | PC | 00 W | | Total petroleum hydrocarbons | ND | 2000.000 UGL | | |
| | | | | | | | Total petroleum hydrocarbons | ND | 84000.000 UGL | | |
| | | | | | | | Xylenes, total combined | ND | 5.000 UGL | R | |
| | | | | | | | trans-1,3-Dichloropropene | ND | 5.000 UGL | R | |
| | | | | | | 00-41-4 | Ethylbenzene | ND | 5.000 UGL | R | |
| | | | | | | 00-42-5 | Styrene / Ethylbenzene / Styrol / Styrolene / Cinnamene / Cinnamol / Phenylethylene / Vinylbenzene | ND | 5.000 UGL | R | |
| | | | | | | 07-06-2 | 1,2-Dichloroethane | ND | 5.000 UGL | R | |
| | | | | | | 08-10-1 | Methyl isobutyl ketone / Isopropylacetone / 4-Methyl-2-pentanone | ND | 10.000 UGL | R | |
| | | | | | | 08-88-3 | Toluene | ND | 5.000 UGL | R | |
| | | | | | | 08-90-7 | Chlorobenzene / Monochlorobenzene | ND | 5.000 UGL | R | |
| | | | | | | 10061-01-5 | cis-1,3-Dichloropropylene / cis-1,3-Dichloropropene | ND | 5.000 UGL | R | |

* - Analyte Description has been truncated. See Data Dictionary.

Final Documentation Appendix Report
Installation : Woodbridge Res Facility, VA (WB)

File Type: CSW

Sampling Date Range: 01-APR-94 14-OCT-94

[illegible]

* - Analyte Description has been truncated. See Data Dictionary

01-MAY-94

Sampling Date Range: 01-APR-94

| Site ID | Field Sample No. | Depth | Sample Date | Lab | Meth/ Lab Anly. No. Matrix | CAS No. | Analyte Description | Meas. Bool. | Unit Meas. | Flag Codes | Data Qual. |
|------------|------------------|-----------|-------------|-------|----------------------------|--------------------|------------------------------|-------------|------------|------------|------------|
| BORE A07-2 | 07BH0208 | 14.0 | 28-APR-94 | PC | 89648 | JS14/S | 7440-50- Copper | | 11.5 | UGG | |
| | | | | | | | 7440-62- Vanadium | | 47.3 | UGG | |
| | | | | | | | 7440-56- Zinc | | 41.4 | UGG | |
| | | | | | | | 7440-70- Calcium | | 1020 | UGG | |
| | | | | | | | 7440-38- Arsenic | | 1.4 | UGG | |
| | | | | | | | 7439-92- Lead | | 9.5 | UGG | B |
| | | | | | | | 7429-90- Aluminum | | 14000 | UGG | |
| | | | | | | | 7439-89- Iron | | 27000 | UGG | |
| | | | | | | | 7439-95- Magnesium | | 4380 | UGG | |
| | | | | | | | 7439-96- Manganese | | 133 | UGG | |
| 07BH0209 | 15.0 | 28-APR-94 | PC | 89656 | 2062/S 6010/S JS14/S | 7440-02- Nickel | | 23.3 | UGG | | |
| | | | | | | 7440-09- Potassium | | 1100 | UGG | | |
| | | | | | | 7440-23- Sodium | | 568 | UGG | | |
| | | | | | | 7440-39- Barium | | 108 | UGG | | |
| | | | | | | 7440-41- Beryllium | | .967 | UGG | | |
| | | | | | | 7440-47- Chromium | | 54.1 | UGG | | |
| | | | | | | 7440-48- Cobalt | | 8.37 | UGG | | |
| | | | | | | 7440-50- Copper | | 21 | UGG | | |
| | | | | | | 7440-62- Vanadium | | 63.6 | UGG | | |
| | | | | | | 7440-66- Zinc | | 62.4 | UGG | | |
| 07BH0269 | 4.0 | 28-APR-94 | PC | 89605 | 2062/S 6010/S JS14/S | 7440-70- Calcium | | 1360 | UGG | | |
| | | | | | | 7440-38- Arsenic | | 1.6 | UGG | | |
| | | | | | | 7439-92- Lead | | 11 | UGG | B | |
| | | | | | | 7429-90- Aluminum | | 13000 | UGG | | |
| | | | | | | 7439-89- Iron | | 21000 | UGG | | |
| | | | | | | 7439-95- Magnesium | | 3270 | UGG | | |
| | | | | | | 7439-96- Manganese | | 157 | UGG | | |
| | | | | | | 7440-02- Nickel | | 13.7 | UGG | | |
| | | | | | | 7440-09- Potassium | | 939 | UGG | | |
| | | | | | | 7440-23- Sodium | | 234 | UGG | | |
| 08BH0103 | 4.0 | 18-APR-94 | PC | 81370 | 6010/S | 7440-39- Barium | | 58.3 | UGG | | |
| | | | | | | 7440-41- Beryllium | | 841 | UGG | | |
| | | | | | | 7440-47- Chromium | | 20.2 | UGG | | |
| | | | | | | 7440-48- Cobalt | | 8.49 | UGG | | |
| | | | | | | 7440-50- Copper | | 14.2 | UGG | | |
| | | | | | | 7440-62- Vanadium | | 43.6 | UGG | | |
| | | | | | | 7440-66- Zinc | | 50.3 | UGG | | |
| | | | | | | 7440-70- Calcium | | 326 | UGG | | |
| | | | | | | 7439-92- Lead | | 11 | UGG | | |
| | | | | | | 7439-92- Lead | | 4.3 | UGG | | |
| A08-3 | 08BH0303 | 4.0 | 18-APR-94 | PC | 81299 | 00 /S | Total petroleum hydrocarbons | | 109 | UGG | |
| | | | | | | | 7439-92- Lead | | 7.8 | UGG | |
| | | | | | | | 7439-92- Lead | | 1.4 | UGG | |
| A08-1 | 08BH0105 | 8.0 | 18-APR-94 | PC | 81272 | 6010/S | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-APR-94 01-MAY-94

[illegible]

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Detectable Results (Hits) Only
Installation: Woodbridge Res Facility, VA (WB)
File Type: CSO

Sampling Date Range: 01-MAR-95 01-MAY-95

| Site | Field | Sample | Lab | Meth/ | CAS No. | Analyte Description | Meas. | Unit | Flag | Data |
|-------|------------|-----------|-------|--------|----------|----------------------|-------|--------|-------|-------|
| Type | Sample No. | Date | Anly. | No. | | | Bool. | Meas. | Codes | Quals |
| ----- | ----- | ----- | --- | ----- | ----- | ----- | ----- | ----- | ---- | ----- |
| A08-5 | 08BH0506 | 6.5 | PC | 49123 | 2062/S | Arsenic | | .777 | UGG | |
| | | 01-MAR-95 | | | 6010/S | Lead | | 8.12 | UGG | |
| | | | | | JS14/S | Aluminum | | 13000 | UGG | |
| | | | | | 7439-89- | Iron | | 20000 | UGG | |
| | | | | | 7439-95- | Magnesium | | 2380 | UGG | |
| | | | | | 7439-96- | Manganese | | 320 | UGG | |
| | | | | | 7440-02- | Nickel | | 8.03 | UGG | |
| | | | | | 7440-09- | Potassium | | 552 | UGG | |
| | | | | | 7440-23- | Sodium | | 104 | UGG | |
| | | | | | 7440-39- | Barium | | 37.4 | UGG | |
| | | | | | 7440-41- | Beryllium | | .69 | UGG | |
| | | | | | 7440-47- | Chromium | | 19.7 | UGG | |
| | | | | | 7440-48- | Cobalt | | 7.18 | UGG | |
| | | | | | 7440-50- | Copper | | 8.73 | UGG | |
| | | | | | 7440-62- | Vanadium | | 41.2 | UGG | |
| | | | | | 7440-66- | Zinc | | 29 | UGG | |
| | | | | | 7440-70- | Calcium | | 188 | UGG | |
| | | | | LM30/S | | Unknown compound 531 | | .1 | UGG | SB |
| | | | | | | Unknown compound 534 | | .7 | UGG | SB |
| | | | | | | Unknown compound 537 | | 20 | UGG | SB |
| | | | | | | Unknown compound 538 | | .2 | UGG | SB |
| | | | | | | Unknown compound 544 | | .1 | UGG | SB |
| | | | | | | Unknown compound 547 | | .2 | UGG | SB |
| | | | | | | Unknown compound 622 | | .1 | UGG | S |
| | | | | | | Unknown compound 640 | | .1 | UGG | S |
| | | | | | | | | .1 | UGG | SD |
| | | | | | | Unknown compound 642 | | .2 | UGG | S |
| | | | | | | Unknown compound 645 | | 8 E -2 | UGG | S |
| A08-6 | 08BH0608 | 8.0 | PC | 52639 | 2062/S | Arsenic | | 1.11 | UGG | |
| | | 02-MAR-95 | | | 6010/S | Lead | | 7.88 | UGG | |
| | | | | | JS14/S | Aluminum | | 18000 | UGG | |
| | | | | | 7439-89- | Iron | | 20000 | UGG | |
| | | | | | 7439-95- | Magnesium | | 2310 | UGG | |
| | | | | | 7439-96- | Manganese | | 230 | UGG | |
| | | | | | 7440-02- | Nickel | | 9.85 | UGG | |
| | | | | | 7440-09- | Potassium | | 1030 | UGG | |
| | | | | | 7440-23- | Sodium | | 81.7 | UGG | |
| | | | | | 7440-39- | Barium | | 43.5 | UGG | |
| | | | | | 7440-41- | Beryllium | | .69 | UGG | |
| | | | | | 7440-47- | Chromium | | 25.9 | UGG | |
| | | | | | 7440-48- | Cobalt | | 6.42 | UGG | |
| | | | | | 7440-50- | Copper | | 10.8 | UGG | |
| | | | | | 7440-62- | Vanadium | | 46.9 | UGG | |

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. | Lab No. | Meth/ Matrix | CAS No. | Analyte Description | Mean. Bool. | Conc. | Unit Meas. | Flag Codes | Data Qual. |
|-----------|----------------------|------------------|--------|-------------|-----------|---------|--------------|----------|----------------------|-------------|--------|------------|------------|------------|
| A08-6 | 08BH0608 | | 8.0 | 02-MAR-95 | PC | 52639 | JS14/S | 7440-66- | Zinc | | 33.7 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 250 | UGG | | |
| | | | | | | | | | Unknown compound 531 | | .5 | UGG | SB | |
| | | | | | | | | | Unknown compound 534 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 538 | | .1 | UGG | SB | |
| | | | | | | | | | Unknown compound 547 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 622 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 668 | | 2 E -2 | UGG | SB | |
| | | | | | | | | | | | .73 | UGG | | |
| A08-7 | 08BH0705 | | 9.0 | 02-MAR-95 | PC | 52655 | 6010/S | 7440-38- | Arsenic | | 7.95 | UGG | | |
| | | | | | | | | 7439-92- | Lead | | 15000 | UGG | | |
| | | | | | | | | 7429-90- | Aluminum | | 19000 | UGG | | |
| | | | | | | | | 7439-89- | Iron | | 2140 | UGG | | |
| | | | | | | | | 7439-95- | Magnesium | | 230 | UGG | | |
| | | | | | | | | 7439-96- | Manganese | | 8.03 | UGG | | |
| | | | | | | | | 7440-02- | Nickel | | 684 | UGG | | |
| | | | | | | | | 7440-09- | Potassium | | 85.9 | UGG | | |
| | | | | | | | | 7440-23- | Sodium | | 39.3 | UGG | | |
| | | | | | | | | 7440-39- | Barium | | .69 | UGG | | |
| | | | | | | | | 7440-41- | Beryllium | | 22.5 | UGG | | |
| | | | | | | | | 7440-47- | Chromium | | 5.44 | UGG | | |
| | | | | | | | | 7440-48- | Cobalt | | 10.2 | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 40.4 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 31.9 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 223 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 531 | | .4 | UGG | SB | |
| | | | | | | | | | Unknown compound 534 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 539 | | .1 | UGG | S | |
| | Unknown compound 547 | | .1 | UGG | SB | | | | | | | | | |
| | Unknown compound 644 | | .1 | UGG | S | | | | | | | | | |
| | Unknown compound 668 | | 1 E -2 | UGG | SB | | | | | | | | | |
| | | | 1.37 | UGG | | | | | | | | | | |
| | | | 10.3 | UGG | | | | | | | | | | |
| | | | 16000 | UGG | | | | | | | | | | |
| | | | 29000 | UGG | | | | | | | | | | |
| | | | 2730 | UGG | | | | | | | | | | |
| | | | 111 | UGG | | | | | | | | | | |
| | | | 10.2 | UGG | | | | | | | | | | |
| | | | 601 | UGG | | | | | | | | | | |
| | | | 99.8 | UGG | | | | | | | | | | |
| | | | 65 | UGG | | | | | | | | | | |

' - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab Anly. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|------------|------------------|-------|-------------|----------|-----------|--------------|----------|----------------------|-------------|--------|------------|------------|------------|
| 0808-A08-9 | 08BH0906 | 6.0 | 01-MAR-95 | PC 49158 | | LM33/S | | | | | | | |
| | | | | | | | 7439-92- | Unknown compound 263 | | 6 E -2 | UGG | S | |
| | | | | | | | 7429-90- | Unknown compound 265 | | 3 E -2 | UGG | S | |
| | | | | | | | 7439-95- | Unknown compound 271 | | 3 E -2 | UGG | S | |
| | | | | | | | 7439-96- | Unknown compound 355 | | 6 E -2 | UGG | S | |
| | | | | | | | 7440-09- | Unknown compound 359 | | 3 E -2 | UGG | S | |
| | | | | | | | 7440-23- | Lead | | 8.19 | UGG | | |
| | | | | | | | 7440-39- | Aluminum | | 14000 | UGG | | |
| | | | | | | | 7439-89- | Iron | | 8500 | UGG | | |
| | | | | | | | 7439-95- | Magnesium | | 2150 | UGG | | |
| | | | | | | | 7439-96- | Manganese | | 46.7 | UGG | | |
| | | | | | | | 7440-09- | Potassium | | 474 | UGG | | |
| | | | | | | | 7440-23- | Sodium | | 78.3 | UGG | | |
| | | | | | | | 7440-39- | Barium | | 35.1 | UGG | | |
| | | | | | | | 7440-41- | Beryllium | | .345 | UGG | | |
| | | | | | | | 7440-47- | Chromium | | 21.2 | UGG | | |
| | | | | | | | 7440-48- | Cobalt | | 5.11 | UGG | | |
| | | | | | | | 7440-50- | Copper | | 6.41 | UGG | | |
| | | | | | | | 7440-62- | Vanadium | | 30.9 | UGG | | |
| | | | | | | | 7440-66- | Zinc | | 25.2 | UGG | | |
| | | | | | | | 7440-70- | Calcium | | 161 | UGG | | |
| | | | | | | LM30/S | | Unknown compound 531 | | .4 | UGG | SB | |
| | | | | | | | | Unknown compound 533 | | .4 | UGG | SB | |
| | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | Unknown compound 544 | | 8 E -2 | UGG | SB | |
| | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | Unknown compound 068 | | 1 E -2 | UGG | SB | |
| | | | | | | LM33/S | | | | | | | |
| | | | | | | 2062/S | 7440-38- | Arsenic | | 1.25 | UGG | | |
| | | | | | | 6010/S | 7439-92- | Lead | | 11.2 | UGG | | |
| | | | | | | JS14/S | 7429-90- | Aluminum | | 20000 | UGG | | |
| | | | | | | | 7439-89- | Iron | | 26000 | UGG | | |
| | | | | | | | 7439-95- | Magnesium | | 3220 | UGG | | |
| | | | | | | | 7439-96- | Manganese | | 520 | UGG | | |
| | | | | | | | 7440-02- | Nickel | | 12.3 | UGG | | |
| | | | | | | | 7440-09- | Potassium | | 684 | UGG | | |
| | | | | | | | 7440-23- | Sodium | | 87.4 | UGG | | |
| | | | | | | | 7440-39- | Barium | | 53.8 | UGG | | |
| | | | | | | | 7440-41- | Beryllium | | .805 | UGG | | |
| | | | | | | | 7440-47- | Chromium | | 28 | UGG | | |
| | | | | | | | 7440-48- | Cobalt | | 16.4 | UGG | | |
| | | | | | | | 7440-50- | Copper | | 12.9 | UGG | | |
| | | | | | | | 7440-62- | Vanadium | | 56.1 | UGG | | |
| | | | | | | | 7440-66- | Zinc | | 43.9 | UGG | | |
| | | | | | | | 7440-70- | Calcium | | 289 | UGG | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (HITS) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. | Lab No. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|----------------------|------------------|-----------|-------------|-----------|---------|--------------|----------|------------------------------|-------------|----------|------------|------------|------------|
| BORE | MN-36 | 08MW3608 | 8.0 | 02-MAR-95 | PC | 52612 | LM30/S | | Unknown compound 525 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 531 | | .8 | UGG | SB | |
| | | | | | | | | | Unknown compound 533 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 538 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | | Unknown compound 273 | | 6 E -3 | UGG | S | |
| | | | | | | | | | Arsenic | | 1.39 | UGG | | |
| | | | | | | | | | Lead | | 11 | UGG | | |
| | | | | | | | | | Aluminum | | 21000 | UGG | | |
| | | | | | | | | 7439-92- | Iron | | 28000 | UGG | | |
| | | | | | | | | 7439-89- | Magnesium | | 3260 | UGG | | |
| | | | | | | | | 7439-95- | Manganese | | 510 | UGG | | |
| | | | | | | | | 7440-02- | Nickel | | 13 | UGG | | |
| | | | | | | | | 7440-09- | Potassium | | 857 | UGG | | |
| | | | | | | | | 7440-23- | Sodium | | 102 | UGG | | |
| | | | | | | | | 7440-39- | Barium | | 51.3 | UGG | | |
| | | | | | | | | 7440-41- | Beryllium | | .805 | UGG | | |
| | | | | | | | | 7440-47- | Chromium | | 28.5 | UGG | | |
| | | | | | | | | 7440-48- | Cobalt | | 11.8 | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 13 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 58.4 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 43.2 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 241 | UGG | | |
| | | | | | | | | | Unknown compound 531 | | .5 | UGG | SB | |
| | | | | | | | | | Unknown compound 534 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | | Unknown compound 578 | | .6 | UGG | S | |
| | | | | | | | | | Unknown compound 619 | | 9 E -2 | UGG | S | |
| | Unknown compound 637 | | .1 | UGG | S | | | | | | | | | |
| MN-37 | 08MW3706 | 6.0 | 02-MAR-95 | PC | 52604 | LM33/S | 00 /S | 67-64-1 | Acetone | | 4.0 E -2 | UGG | 1 | |
| | | | | | | | | | Total petroleum hydrocarbons | | 159 | UGG | | |
| | | | | | | | | | Lead | | 6.22 | UGG | | |
| | | | | | | | | | Aluminum | | 12000 | UGG | | |
| | | | | | | | | | Iron | | 7700 | UGG | | |
| | | | | | | | | | Magnesium | | 1620 | UGG | | |
| | | | | | | | | | Manganese | | 32.4 | UGG | | |
| | | | | | | | | | Potassium | | 544 | UGG | | |
| | | | | | | | | | Sodium | | 154 | UGG | | |
| | | | | | | | | | Barium | | 58.8 | UGG | | |
| | Beryllium | | .575 | UGG | | | | | | | | | | |
| | Chromium | | 20.7 | UGG | | | | | | | | | | |

* - Analyte Description has been truncated. See Data Dictionary

Sampling Date Range: 01-APR-95 01-JUL-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab | Lab Anly. No. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|---------|------------------|-------|-------------|-----|---------------|--------------|----------|----------------------|-------------|-------|------------|------------|------------|
| WELL | MW-33 | 08MW3302 | 0.0 | 21-APR-95 | PC | 107964 | UM05/W | 7439-95- | Unknown compound 284 | | 6 | UGL | S | |
| | | | | | | | | 7439-96- | Unknown compound 285 | | 6 | UGL | S | |
| | | | | | | | | 7440-23- | Unknown compound 297 | | 6 | UGL | S | |
| | | | | | | | | 7440-39- | Unknown compound 302 | | 6 | UGL | S | |
| | | | | | | | | 7440-70- | Unknown compound 304 | | 8 | UGL | S | |
| MW | MW-34 | 08MW3402 | 0.0 | 21-APR-95 | PC | 107972 | SS15/W | 7439-95- | Magnesium | | 3720 | UGL | S | |
| | | | | | | | | 7439-96- | Manganese | | 161 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 7170 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 31.3 | UGL | | |
| | | | | | | | | 7440-70- | Calcium | | 5600 | UGL | | |
| MW | MW-35 | 08MW3501 | 0.0 | 24-APR-95 | PC | 109035 | SS15/W | 7439-89- | Iron | | 210 | UGL | | |
| | | | | | | | | 7439-95- | Magnesium | | 11100 | UGL | | |
| | | | | | | | | 7439-96- | Manganese | | 394 | UGL | | |
| | | | | | | | | 7440-09- | Potassium | | 2940 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 13800 | UGL | | |
| MW | MW-36 | 08MW3601 | 0.0 | 18-APR-95 | PC | 102512 | SS15/W | 7440-39- | Barium | | 52.4 | UGL | | |
| | | | | | | | | 7440-66- | Zinc | | 26.4 | UGL | | |
| | | | | | | | | 7440-70- | Calcium | | 29000 | UGL | | |
| | | | | | | | | 7439-95- | Magnesium | | 14600 | UGL | | |
| | | | | | | | | 7439-96- | Manganese | | 8.03 | UGL | | |
| MW | MW-37 | 08MW3609 | 0.0 | 18-APR-95 | PC | 102520 | SS15/W | 7440-09- | Potassium | | 3640 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 19200 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 51.4 | UGL | | |
| | | | | | | | | 7440-70- | Calcium | | 22900 | UGL | | |
| | | | | | | | | 7439-95- | Magnesium | | 14300 | UGL | | |
| MW | MW-38 | 08MW3701 | 0.0 | 18-APR-95 | PC | 102490 | SS15/W | 7439-96- | Manganese | | 9.04 | UGL | | |
| | | | | | | | | 7440-09- | Potassium | | 3520 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 19400 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 51.4 | UGL | | |
| | | | | | | | | 7440-70- | Calcium | | 24000 | UGL | | |
| MW | MW-38 | 08MW3801 | 0.0 | 18-APR-95 | PC | 102504 | SS15/W | 7439-95- | Magnesium | | 4680 | UGL | | |
| | | | | | | | | 7439-96- | Manganese | | 321 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 16900 | UGL | | |
| | | | | | | | | 7440-39- | Barium | | 48.4 | UGL | | |
| | | | | | | | | 7440-66- | Zinc | | 43.7 | UGL | | |
| MW | MW-38 | 08MW3801 | 0.0 | 18-APR-95 | PC | 102504 | SS15/W | 7440-70- | Calcium | | 9680 | UGL | | |
| | | | | | | | | 7439-89- | Iron | | 226 | UGL | | |
| | | | | | | | | 7439-95- | Magnesium | | 5100 | UGL | | |
| | | | | | | | | 7439-96- | Manganese | | 270 | UGL | | |
| | | | | | | | | 7440-23- | Sodium | | 16200 | UGL | | |
| MW | MW-38 | 08MW3801 | 0.0 | 18-APR-95 | PC | 102504 | SS15/W | 7440-39- | Barium | | 40.3 | UGL | | |
| | | | | | | | | 7440-66- | Zinc | | 30.5 | UGL | | |

* - Analyte Description has been truncated. See Data Dictionary

USTs NORTH OF BUILDING 202

TABLE H-3
SUMMARY OF INORGANIC RESULTS FOR SCR SOIL SAMPLES
AT EXISTING/FORMER UST NORTH OF BUILDING 202

| Analytes ⁽¹⁾ | Detection Limits | BH-37 (6.0 feet bgs) | BH-38 (6.0 feet bgs) | BH-40 (6.0 feet bgs) |
|-------------------------|------------------|-------------------------|-------------------------|-------------------------|
| Aluminum | 10.7 | 12,000 | 12,000 | 7,600 |
| Antimony | 82.9 | ND | ND | ND |
| Arsenic | 0.200 | ND | ND | .496 |
| Barium | 4.87 | 58.80 | 73.40 | 21.40 |
| Beryllium | 0.250 | .575 | .69 | .46 |
| Cadmium | 0.427 | ND | ND | ND |
| Calcium | 109 | 224 | 470 | 122 |
| Chromium | 0.974 | 20.70 I | 25.70 I | 9.94 I |
| Cobalt | 2.50 | 4.03 | 3.26 | 7.29 |
| Copper | 3.38 | 7.57 | 10.60 | 4.84 |
| Cyanide | 1.22 | ND | ND | ND |
| Iron | 12.0 | 7,700 | 8,600 | 14,000 |
| Lead | 0.700 | 6.22 | 8.47 | 4.00 |
| Magnesium | 138 | 1,620 | 2,250 | 953 |
| Manganese | 0.511 | 32.40 | 42.50 | 240 |
| Mercury | 0.0870 | ND | ND | ND |
| Molybdenum | 4.00 | ND | ND | ND |
| Nickel | 7.50 | ND | 8.89 | ND |
| Potassium | 142 | 544 | 528 | 352 |
| Selenium | 12.4 | ND | ND | ND |
| Sodium | 50.0 | 154 | 165 | 73 |
| Thallium | 12.5 | ND | ND | ND |
| Vanadium | 2.00 | 29.5 | 37.40 | 20.70 |
| Zinc | 4.00 | 24.10 | 36.50 | 17.80 |

Key: B = Flag for analyte found in method blank or QC blank as well as the sample
I = Due to sample matrix or high concentration samples preceding low concentration samples, carry-over is possible. This could lead to instrument cross-contamination which will affect any positive compound identification.
ND = Not Detected
bgs = Below Ground Surface

Note: ⁽¹⁾ Concentrations reported in micrograms per gram ($\mu\text{g/g}$) equivalent to parts per million (ppm)

TABLE H-4
SUMMARY OF INORGANIC RESULTS FOR SCR WATER SAMPLES
AT EXISTING/FORMER UST NORTH OF BUILDING 202

| Analytes ⁽¹⁾ | MW-37 | MW-38 | MW-39 | MW-40 |
|-------------------------|--------|--------|-------|--------|
| Aluminum | ND | ND | ND | ND |
| Antimony | ND | ND | ND | ND |
| Arsenic | ND | ND | ND | ND |
| Barium | 48.4 | 40.3 | 30.2 | 83.7 |
| Beryllium | ND | ND | ND | ND |
| Cadmium | ND | ND | ND | ND |
| Calcium | 9,680 | 8,640 | 5,300 | 10,200 |
| Chromium | ND | ND | ND | ND |
| Cobalt | ND | ND | ND | ND |
| Copper | ND | ND | ND | ND |
| Cyanide | ND | ND | ND | ND |
| Iron | ND | 226 | ND | 532 |
| Lead | ND | ND | ND | ND |
| Magnesium | 4,680 | 5,100 | 5,270 | 7,360 |
| Manganese | 321 | 270 | 326 | 346 |
| Mercury | ND | ND | ND | ND |
| Molybdenum | ND | ND | ND | ND |
| Nickel | ND | ND | ND | ND |
| Potassium | ND | ND | ND | ND |
| Selenium | ND | ND | ND | ND |
| Sodium | 16,900 | 16,200 | 5,690 | 15,700 |
| Thallium | ND | ND | ND | ND |
| Vanadium | ND | ND | ND | ND |
| Zinc | 43.7 | 30.5 | 92.6 | 28.5 |

Key: ND = Not Detected

Note: ⁽¹⁾ Concentrations reported in micrograms per liter (µg/L) equivalent to parts per billion (ppb).

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-APR-94 01-MAY-94

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab Anly. | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|----------|------------------|-----------|-------------|---------|-----------|--------|---|------------------------------|---|-------------|----------|------------|------------|------------|
| BORE | A21-4 | 21BH0405 | 8.0 | 19-APR-94 | PC | 82660 | | JS14/S | 7439-89- | Iron | | 4900 | UGG | | |
| | | | | | | | | | 7439-95- | Magnesium | | 271 | UGG | | |
| | | | | | | | | | 7439-96- | Manganese | | 113 | UGG | | |
| | | | | | | | | | 7440-39- | Barium | | 6.83 | UGG | | |
| | | | | | | | | | 7440-47- | Chromium | | 6.37 | UGG | | |
| | | | | | | | | | 7440-62- | Vanadium | | 7.25 | UGG | | |
| | | | | | | | | | 7440-66- | Zinc | | 8.51 | UGG | | |
| A23-1 | 23BH0102 | 4.0 | 18-APR-94 | PC | 81213 | | 00 /S | Unknown compound 531 | | | | 1 | UGG | B | |
| | | | | | | | | LM30/S | Unknown compound 534 | | .3 | UGG | SB | | |
| | | | | | | | | | Unknown compound 624 | | .2 | UGG | S | | |
| | | | | | | | | | Unknown compound 636 | | .1 | UGG | SB | | |
| | | | | | | | | | Unknown compound 638 | | .1 | UGG | S | | |
| | | | | | | | | | Total petroleum hydrocarbons | | 353 | UGG | S | | |
| | | | | | | | | | Lead | | 13 | UGG | | | |
| | | | | | | | | | 7439-92- Lead | | 7.8 | UGG | | | |
| | | | | | | | | | 00 /S | Total petroleum hydrocarbons | | 75.2 | UGG | | |
| | | | | | | | | | 6010/S | Lead | | 12 | UGG | | |
| MW-31 | 08BH0204 | 8.0 | 18-APR-94 | PC | 81248 | | 6010/S | 7439-92- Lead | | | 4.7 | UGG | | | |
| | | | | | | | | 6010/S | Lead | | 7.1 | UGG | | | |
| | | | | | | | | 6010/S | Total petroleum hydrocarbons | | 2170 | UGG | | | |
| | | | | | | | | 6010/S | Lead | | 13 | UGG | | | |
| MW-32 | 08BH3204 | 6.0 | 14-APR-94 | PC | 79910 | | 00 /S | 2,2-Bis(p-chlorophenyl) -1,1-dichloroethene | | | 1.7 E -2 | UGG | | | |
| | | | | | | | | 8080/S | Total petroleum hydrocarbons | | 149 | UGG | | | |
| GRAB | A25-10 | 08BH3206 | 10.0 | 14-APR-94 | PC | 79928 | | 00 /S | 7439-92- Lead | | | 8.3 | UGG | | |
| | | | | | | | | | 8080/S | 2,2-Bis(p-chlorophenyl) -1,1-dichloroethene | | 3.9 E -3 | UGG | | |
| | | | | | | | | | 6010/S | Total petroleum hydrocarbons | | 5.2 | UGG | | |
| | | | | | | | | | 6010/S | Lead | | 7.1 | UGG | | |
| | | | | | | | | | 2062/S | Arsenic | | 1.6 | UGG | | |
| | | | | | | | | | 6010/S | Lead | | 18 | UGG | | |
| | | | | | | | | | JS14/S | Aluminum | | 11000 | UGG | | |
| | | | | | | | | | 7439-89- Iron | | 14000 | UGG | | | |
| | | | | | | | | | 7439-92- Lead | | 17.1 | UGG | | | |
| | | | | | | | | | 7439-95- Magnesium | | 736 | UGG | | | |
| A25-10 | 25SS1001 | 0.5 | 21-APR-94 | PC | 84573 | | 6010/S | 7439-96- Manganese | | | 2600 | UGG | | | |
| | | | | | | | | 7440-02- Nickel | | 11.7 | UGG | | | | |
| | | | | | | | | 7440-09- Potassium | | 304 | UGG | | | | |
| | | | | | | | | 7440-39- Barium | | 124 | UGG | | | | |
| | | | | | | | | 7440-41- Beryllium | | 2.07 | UGG | | | | |
| | | | | | | | | 7440-47- Chromium | | 11.9 | UGG | | | | |
| | | | | | | | | 7440-48- Cobalt | | 26.4 | UGG | | | | |
| | | | | | | | | 7440-62- Vanadium | | 25.7 | UGG | | | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab Anly. No. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|------------|------------------|-------|-------------|---------|---------------|--------------|----------|------------------------------|-------------|----------|------------|------------|------------|
| BORE MW-36 | 08MW3608 | 8.0 | 02-MAR-95 | PC | 52612 | LM30/S | | Unknown compound 525 | | .1 | UGG | S | |
| | | | | | | | | Unknown compound 531 | | .8 | UGG | SB | |
| | | | | | | | | Unknown compound 533 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | Unknown compound 538 | | .2 | UGG | S | |
| | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | Unknown compound 273 | | 6 E -3 | UGG | S | |
| 08MW3609 | | 9.0 | 02-MAR-95 | PC | 52620 | LM33/S | | Arsenic | | 1.39 | UGG | | |
| | | | | | | 2062/S | 7440-38- | Lead | | 11 | UGG | | |
| | | | | | | 6010/S | 7439-92- | Aluminum | | 21000 | UGG | | |
| | | | | | | JS14/S | 7429-90- | Iron | | 28000 | UGG | | |
| | | | | | | | 7439-89- | Magnesium | | 3260 | UGG | | |
| | | | | | | | 7439-95- | Manganese | | 510 | UGG | | |
| | | | | | | | 7440-02- | Nickel | | 13 | UGG | | |
| | | | | | | | 7440-09- | Potassium | | 857 | UGG | | |
| | | | | | | | 7440-23- | Sodium | | 102 | UGG | | |
| | | | | | | | 7440-39- | Barium | | 51.3 | UGG | | |
| | | | | | | | 7440-41- | Beryllium | | .805 | UGG | | |
| | | | | | | | 7440-47- | Chromium | | 28.5 | UGG | | |
| | | | | | | | 7440-48- | Cobalt | | 11.8 | UGG | | |
| | | | | | | | 7440-50- | Copper | | 13 | UGG | | |
| | | | | | | | 7440-62- | Vanadium | | 58.4 | UGG | | |
| | | | | | | | 7440-66- | Zinc | | 43.2 | UGG | | |
| | | | | | | | 7440-70- | Calcium | | 241 | UGG | | |
| | | | | | | LM30/S | | Unknown compound 531 | | .5 | UGG | SB | |
| | | | | | | | | Unknown compound 534 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | Unknown compound 578 | | .6 | UGG | S | |
| | | | | | | | | Unknown compound 619 | | 9 E -2 | UGG | S | |
| | | | | | | | | Unknown compound 637 | | .1 | UGG | S | |
| MW-37 | 08MW3706 | 6.0 | 02-MAR-95 | PC | 52604 | LM11/S | 67-64-1 | Acetone | | 4.0 E -2 | UKM | 1 | |
| | | | | | | 00 /S | | Total petroleum hydrocarbons | | 159 | UGG | | |
| | | | | | | 6010/S | 7439-92- | Lead | | 6.22 | UGG | | |
| | | | | | | JS14/S | 7429-90- | Aluminum | | 12000 | UGG | | |
| | | | | | | | 7439-89- | Iron | | 7700 | UGG | | |
| | | | | | | | 7439-95- | Magnesium | | 1620 | UGG | | |
| | | | | | | | 7439-96- | Manganese | | 32.4 | UGG | | |
| | | | | | | | 7440-09- | Potassium | | 544 | UGG | | |
| | | | | | | | 7440-23- | Sodium | | 154 | UGG | | |
| | | | | | | | 7440-39- | Barium | | 58.8 | UGG | | |
| | | | | | | | 7440-41- | Beryllium | | .575 | UGG | | |
| | | | | | | | 7440-47- | Chromium | | 20.7 | UGG | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. No. | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|--------------|------------|---------------------|-------|----------------|------------------|-----|-----------------|----------|------------------------------|----------------|----------|---------------|---------------|---------------|
| BORE | MW-37 | 08MMW3706 | 6.0 | 02-MAR-95 | PC 52604 | | JS14/S | 7440-48- | Cobalt | | 4.03 | UGG | | |
| | | | | | | | | 7440-50- | Copper | | 7.57 | UGG | | |
| | | | | | | | | 7440-62- | Vanadium | | 29.5 | UGG | | |
| | | | | | | | | 7440-66- | Zinc | | 24.1 | UGG | | |
| | | | | | | | | 7440-70- | Calcium | | 224 | UGG | | |
| | | | | | | | LM30/S | 85-01-8 | Phenanthrene | | .42 | UGG | | |
| | | | | | | | | 91-20-3 | Naphthalene / Tar camphor | | .48 | UGG | | |
| | | | | | | | | 91-57-6 | 2-Methylnaphthalene | | .36 | UGG | | |
| | | | | | | | | | Unknown compound 531 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 534 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 538 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 547 | | .4 | UGG | SB | |
| | | | | | | | | | Unknown compound 575 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 581 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 606 | | .2 | UGG | S | |
| | | | | | | | | | Unknown compound 614 | | 9 E -2 | UGG | S | |
| | | | | | | | | | Unknown compound 622 | | .4 | UGG | S | |
| | | | | | | | LM33/S | 67-64-1 | Acetone | | 2.6 E -2 | UGG | 1 | |
| | | | | | | | | | Unknown compound 068 | | 9 E -3 | UGG | S | |
| | | | | | | | | | Unknown compound 095 | | 9 E -3 | UGG | S | |
| | | | | | | | | | Unknown compound 303 | | 7 E -3 | UGG | S | |
| | | | | | | | | | Total petroleum hydrocarbons | | 82.3 | UGG | | |
| | | | | | | | 00 /S | | Lead | | 8.47 | UGG | | |
| | | | | | | | 6010/S | | Aluminum | | 12000 | UGG | | |
| | | | | | | | JS14/S | | Iron | | 8600 | UGG | | |
| | | | | | | | | 7439-89- | Magnesium | | 2250 | UGG | | |
| | | | | | | | | 7439-95- | Manganese | | 42.5 | UGG | | |
| | | | | | | | | 7439-96- | Nickel | | 8.89 | UGG | | |
| | | | | | | | | 7440-02- | Potassium | | 528 | UGG | | |
| | | | | | | | | 7440-09- | Sodium | | 165 | UGG | | |
| | | | | | | | | 7440-23- | Barium | | 73.4 | UGG | | |
| | | | | | | | | 7440-39- | Beryllium | | .69 | UGG | | |
| | | | | | | | | 7440-41- | Chromium | | 25.7 | UGG | | |
| | | | | | | | | 7440-47- | Cobalt | | 3.26 | UGG | | |
| | | | | | | | | 7440-48- | Copper | | 10.6 | UGG | | |
| | | | | | | | | 7440-50- | Vanadium | | 37.4 | UGG | | |
| | | | | | | | | 7440-62- | Zinc | | 36.5 | UGG | | |
| | | | | | | | | 7440-66- | Calcium | | 470 | UGG | | |
| | | | | | | | LM30/S | | Unknown compound 531 | | .5 | UGG | SB | |
| | | | | | | | | | Unknown compound 533 | | .2 | UGG | SB | |
| | | | | | | | | | Unknown compound 535 | | .1 | UGG | S | |
| | | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | | Unknown compound 538 | | .2 | UGG | SB | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab | Meth/Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit | Flag Codes | Data Quals |
|------------|------------------|-------|-------------|----------|-----|-------------|---------|----------------------|-------------|--------|------|------------|------------|
| BORE MW-38 | 08MW3806 | 6.0 | 02-MAR-95 | PC 52647 | | LM30/S | | Unknown compound 547 | | .2 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 623 | | 1 | UGG | S | |
| | | | | | | LM33/S | | Unknown compound 068 | | 7 E -3 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 094 | | 3.52 | UGG | S | |
| | | | | | | LM33/S | | Lead | | 6400 | UGG | | |
| | | | | | | LM33/S | | Aluminum | | 7900 | UGG | | |
| | | | | | | LM33/S | | Iron | | 924 | UGG | | |
| | | | | | | LM33/S | | Magnesium | | 70.4 | UGG | | |
| | | | | | | LM33/S | | Manganese | | 285 | UGG | | |
| | | | | | | LM33/S | | Potassium | | 58.9 | UGG | | |
| | | | | | | LM33/S | | Sodium | | 15.7 | UGG | | |
| | | | | | | LM33/S | | Barium | | 9.4 | UGG | | |
| | | | | | | LM33/S | | Chromium | | 3.58 | UGG | | |
| | | | | | | LM33/S | | Copper | | 17.7 | UGG | | |
| | | | | | | LM33/S | | Vanadium | | 18.5 | UGG | | |
| | | | | | | LM33/S | | Zinc | | .2 | UGG | | |
| | | | | | | LM33/S | | Unknown compound 531 | | .2 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 534 | | 10 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 537 | | .1 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 068 | | 4 E -2 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 095 | | 9 E -3 | UGG | S | |
| | | | | | | LM33/S | | Arsenic | | .496 | UGG | | |
| | | | | | | LM33/S | | Lead | | 4 | UGG | | |
| | | | | | | LM33/S | | Aluminum | | 7600 | UGG | | |
| | | | | | | LM33/S | | Iron | | 14000 | UGG | | |
| | | | | | | LM33/S | | Magnesium | | 953 | UGG | | |
| | | | | | | LM33/S | | Manganese | | 240 | UGG | | |
| | | | | | | LM33/S | | Potassium | | 352 | UGG | | |
| | | | | | | LM33/S | | Sodium | | 73 | UGG | | |
| | | | | | | LM33/S | | Barium | | 21.4 | UGG | | |
| | | | | | | LM33/S | | Beryllium | | .46 | UGG | | |
| | | | | | | LM33/S | | Chromium | | 9.94 | UGG | | |
| | | | | | | LM33/S | | Cobalt | | 7.29 | UGG | | |
| | | | | | | LM33/S | | Copper | | 4.84 | UGG | | |
| | | | | | | LM33/S | | Vanadium | | 20.7 | UGG | | |
| | | | | | | LM33/S | | Zinc | | 17.8 | UGG | | |
| | | | | | | LM33/S | | Calcium | | 122 | UGG | | |
| | | | | | | LM33/S | | Unknown compound 531 | | .4 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 534 | | .5 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | LM33/S | | Unknown compound 538 | | .2 | UGG | S | |
| | | | | | | LM33/S | | Unknown compound 544 | | 9 E -2 | UGG | SB | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CSO
 Sampling Date Range: 01-MAR-95 01-MAY-95

| ite type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. No. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-------------|------------|---------------------|-------|----------------|------------------|-----------------|----------|----------------------|----------------|--------|---------------|---------------|---------------|
| ORE | MW-40 | 08MW4006 | 6.0 | 01-MAR-95 | PC 49174 | LM30/S | | Unknown compound 547 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 622 | | .1 | UGG | S | |
| | | | | | | | | Unknown compound 095 | | 7 E -3 | UGG | S | |
| | MW-41 | 14MW4102 | 2.0 | 03-MAR-95 | PC 52752 | LM33/S | 7439-92- | Lead | | 6.44 | UGG | | |
| | | | | | | | 7429-90- | Aluminum | | 8300 | UGG | | |
| | | | | | | | 7439-89- | Iron | | 13000 | UGG | | |
| | | | | | | | 7439-95- | Magnesium | | 1590 | UGG | | |
| | | | | | | | 7439-96- | Manganese | | 85.1 | UGG | | |
| | | | | | | | 7440-09- | Potassium | | 1040 | UGG | | |
| | | | | | | | 7440-23- | Sodium | | 59 | UGG | | |
| | | | | | | | 7440-39- | Barium | | 28.7 | UGG | | |
| | | | | | | | 7440-41- | Beryllium | | .345 | UGG | | |
| | | | | | | | 7440-47- | Chromium | | 17.1 | UGG | | |
| | | | | | | | 7440-50- | Copper | | 4.94 | UGG | | |
| | | | | | | | 7440-62- | Vanadium | | 28.1 | UGG | | |
| | | | | | | | 7440-66- | Zinc | | 22 | UGG | | |
| | | | | | | | 7440-70- | Calcium | | 384 | UGG | | |
| | | | | | | LM30/S | | Unknown compound 531 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 533 | | .2 | UGG | SB | |
| | | | | | | | | Unknown compound 537 | | 10 | UGG | SB | |
| | | | | | | | | Unknown compound 547 | | .1 | UGG | SB | |
| | | | | | | | | Unknown compound 622 | | .2 | UGG | S | |
| | | | | | | LM33/S | | Unknown compound 068 | | 1 E -2 | UGG | SB | |

** End of Report - 410 - Records Found **

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation : Woodbridge Res Facility, VA (WB)

File Type: CGM

Sampling Date Range: 01-APR-94 14-OCT-94

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Analy. No. | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Qual |
|-----------|---------|------------------|-------|-------------|----------------|-----|--------------|-----------|---------------------------------------|-------------|-------|------------|------------|-----------|
| EXCV | A26-3 | 26AQ0101 | 0.0 | 27-JUL-94 | PC 166502 | | 00 /W | | Total petroleum hydrocarbons | ND | 1000 | UGL | T | |
| WELL | A23-1 | 23MW1301 | 0.0 | 17-MAY-94 | PC 106690 | | 00 /W | | Total petroleum hydrocarbons | ND | 1 | UGL | T | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 3.6 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Ethylbenzene | ND | .3 | UGL | | |
| | | | | | | | | 108-88-3 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | 71-43-2 | Benzene | ND | .5 | UGL | | |
| | | | | | | | | 95-47-6 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |
| | | | | | | | | | m- and/or p-Xylene (undifferentiated) | ND | 1 | UGL | | |
| | | | | | | | | | / 1,3- and/or 1,4-Di* | ND | 1 | UGL | | |
| | | | | | | | | | Lead | ND | 3 | UGL | F | |
| A23-2 | | 23MW1302 | 0.0 | 17-MAY-94 | PC 106887 | | 6010/W | 7439-92-1 | Lead | ND | 7.2 | UGL | | |
| | | 23MW1401 | 0.0 | 17-MAY-94 | PC 106844 | | 6010/W | 7439-92-1 | Ethylbenzene | ND | .3 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | 108-88-3 | Benzene | ND | .5 | UGL | | |
| | | | | | | | | 71-43-2 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |
| | | | | | | | | 95-47-6 | m- and/or p-Xylene (undifferentiated) | ND | 1 | UGL | | |
| | | | | | | | | | / 1,3- and/or 1,4-Di* | ND | 1 | UGL | | |
| | | | | | | | | | Total petroleum hydrocarbons | ND | 1 | UGL | T | |
| | | | | | | | 00 /W | | Lead | ND | 3 | UGL | F | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 3 | UGL | F | |
| | | | | | | | 00 /W | | Total petroleum hydrocarbons | ND | 1 | UGL | T | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 4 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Ethylbenzene | ND | .3 | UGL | | |
| | | | | | | | | 108-88-3 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | 71-43-2 | Benzene | ND | .5 | UGL | | |
| | | | | | | | | 95-47-6 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |
| | | | | | | | | | m- and/or p-Xylene (undifferentiated) | ND | 1 | UGL | | |
| | | | | | | | | | / 1,3- and/or 1,4-Di* | ND | 1 | UGL | | |
| | | | | | | | | | Total petroleum hydrocarbons | ND | 3 | UGL | F | |
| | | | | | | | 00 /W | | Lead | ND | 1 | UGL | T | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 5.3 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Ethylbenzene | ND | .3 | UGL | | |
| | | | | | | | | 108-88-3 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | 71-43-2 | Benzene | ND | .5 | UGL | | |
| | | | | | | | | 95-47-6 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |
| | | | | | | | | | m- and/or p-Xylene (undifferentiated) | ND | 1 | UGL | | |
| | | | | | | | | | / 1,3- and/or 1,4-Di* | ND | 1 | UGL | | |
| | | | | | | | | | Lead | ND | 3 | UGL | F | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | T | |
| | | | | | | | 00 /W | | Total petroleum hydrocarbons | ND | 5.3 | UGL | | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | .3 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Ethylbenzene | ND | .8 | UGL | | |
| | | | | | | | | 108-88-3 | Toluene | ND | .5 | UGL | | |
| | | | | | | | | 71-43-2 | Benzene | ND | 1 | UGL | | |
| | | | | | | | | 95-47-6 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |
| | | | | | | | | | m- and/or p-Xylene (undifferentiated) | ND | 1 | UGL | | |
| | | | | | | | | | / 1,3- and/or 1,4-Di* | ND | 1 | UGL | | |
| | | | | | | | | | Lead | ND | 3 | UGL | F | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | T | |
| | | | | | | | 00 /W | | Total petroleum hydrocarbons | ND | 3 | UGL | | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Ethylbenzene | ND | .3 | UGL | | |
| | | | | | | | | 108-88-3 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | 71-43-2 | Benzene | ND | .5 | UGL | | |
| | | | | | | | | 95-47-6 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |
| | | | | | | | | | m- and/or p-Xylene (undifferentiated) | ND | 1 | UGL | | |
| | | | | | | | | | / 1,3- and/or 1,4-Di* | ND | 1 | UGL | | |
| | | | | | | | | | Lead | ND | 3 | UGL | F | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | T | |
| | | | | | | | 00 /W | | Total petroleum hydrocarbons | ND | 3 | UGL | | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Ethylbenzene | ND | .3 | UGL | | |
| | | | | | | | | 108-88-3 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | 71-43-2 | Benzene | ND | .5 | UGL | | |
| | | | | | | | | 95-47-6 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |
| | | | | | | | | | m- and/or p-Xylene (undifferentiated) | ND | 1 | UGL | | |
| | | | | | | | | | / 1,3- and/or 1,4-Di* | ND | 1 | UGL | | |
| | | | | | | | | | Lead | ND | 3 | UGL | F | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | T | |
| | | | | | | | 00 /W | | Total petroleum hydrocarbons | ND | 3 | UGL | | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Ethylbenzene | ND | .3 | UGL | | |
| | | | | | | | | 108-88-3 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | 71-43-2 | Benzene | ND | .5 | UGL | | |
| | | | | | | | | 95-47-6 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |
| | | | | | | | | | m- and/or p-Xylene (undifferentiated) | ND | 1 | UGL | | |
| | | | | | | | | | / 1,3- and/or 1,4-Di* | ND | 1 | UGL | | |
| | | | | | | | | | Lead | ND | 3 | UGL | F | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | T | |
| | | | | | | | 00 /W | | Total petroleum hydrocarbons | ND | 3 | UGL | | |
| | | | | | | | 6010/W | 7439-92-1 | Lead | ND | 1 | UGL | | |
| | | | | | | | 8020/W | 100-41-4 | Ethylbenzene | ND | .3 | UGL | | |
| | | | | | | | | 108-88-3 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | 71-43-2 | Benzene | ND | .5 | UGL | | |
| | | | | | | | | 95-47-6 | o-Xylene / 1,2-Dimethylbenzene | ND | 1 | UGL | | |

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CGW
 Sampling Date Range: 01-APR-94 01-JUL-94

| Site Type | Site ID | Field Sample No. | Depth | Sample Date | Lab Anly. No. | Lab | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------|---------|------------------|-------|-------------|---------------|-----|--------------|----------|---------------------|-------------|-------|------------|------------|------------|
| WELL | A23-1 | 23MMW1301 | 0.0 | 17-MAY-94 | PC 106690 | | 6010/W | 7439-92- | Lead | | 3.6 | UGL | | |
| | A23-2 | 23MMW1401 | 0.0 | 17-MAY-94 | PC 106844 | | 6010/W | 7439-92- | Lead | | 7.2 | UGL | | |
| | MW-31 | 08MMW3101 | 0.0 | 12-MAY-94 | PC 103799 | | 6010/W | 7439-92- | Lead | | 4 | UGL | | |
| | MW-32 | 08MMW3201 | 0.0 | 16-MAY-94 | PC 105767 | | 6010/W | 7439-92- | Lead | | 5.3 | UGL | | |
| | MW-32S | 08MMW3212 | 0.0 | 17-MAY-94 | PC 106682 | | 8020/W | 100-41-4 | Ethylbenzene | | .65 | UGL | | |
| | MW-33 | 08MMW3301 | 0.0 | 12-MAY-94 | PC 103780 | | 6010/W | 7439-92- | Lead | | 9.1 | UGL | | |

** End of Report - 6 - Records Found **

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Res Facility, VA (WB)
 File Type: CGW
 Sampling Date Range: 01-APR-95 01-JUL-95

| Site Type ID | Field Sample No. Depth | Sample Date | Lab Anly. No. | Meth/ Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|-----------------|---------------------------|----------------|------------------|-----------------|----------|----------------------|----------------|-------|---------------|---------------|---------------|
| WELL MW-33 | 08MW3302 | 0.0 21-APR-95 | PC 107964 | UM05/W | | Unknown compound 284 | | 6 | UGL | S | |
| | | | | | | Unknown compound 285 | | 6 | UGL | S | |
| | | | | | | Unknown compound 297 | | 6 | UGL | S | |
| | | | | | | Unknown compound 302 | | 6 | UGL | S | |
| | | | | | | Unknown compound 304 | | 8 | UGL | S | |
| | | | | | | Unknown compound 576 | | 60 | UGL | S | |
| MW-34 | 08MW3402 | 0.0 21-APR-95 | PC 107972 | SS15/W | 7439-95- | Magnesium | | 3720 | UGL | | |
| | | | | | 7439-96- | Manganese | | 161 | UGL | | |
| | | | | | 7440-23- | Sodium | | 7170 | UGL | | |
| | | | | | 7440-39- | Barium | | 31.3 | UGL | | |
| | | | | | 7440-70- | Calcium | | 5600 | UGL | | |
| | | | | | 7439-89- | Iron | | 210 | UGL | | |
| MW-35 | 08MW3501 | 0.0 24-APR-95 | PC 109835 | SS15/W | 7439-95- | Magnesium | | 11100 | UGL | | |
| | | | | | 7439-96- | Manganese | | 394 | UGL | | |
| | | | | | 7440-09- | Potassium | | 2940 | UGL | | |
| | | | | | 7440-23- | Sodium | | 13800 | UGL | | |
| | | | | | 7440-39- | Barium | | 52.4 | UGL | | |
| | | | | | 7440-66- | Zinc | | 26.4 | UGL | | |
| | | | | | 7440-70- | Calcium | | 29000 | UGL | | |
| MW-36 | 08MW3601 | 0.0 18-APR-95 | PC 102512 | SS15/W | 7439-95- | Magnesium | | 14600 | UGL | | |
| | | | | | 7439-96- | Manganese | | 8.03 | UGL | | |
| | | | | | 7440-09- | Potassium | | 3640 | UGL | | |
| | | | | | 7440-23- | Sodium | | 19200 | UGL | | |
| | | | | | 7440-39- | Barium | | 51.4 | UGL | | |
| | | | | | 7440-70- | Calcium | | 22900 | UGL | | |
| | | | | | 7439-95- | Magnesium | | 14300 | UGL | | |
| | | | | | 7439-96- | Manganese | | 9.04 | UGL | | |
| | | | | | 7440-09- | Potassium | | 3520 | UGL | | |
| | | | | | 7440-23- | Sodium | | 19400 | UGL | | |
| | | | | | 7440-39- | Barium | | 51.4 | UGL | | |
| | | | | | 7440-70- | Calcium | | 24000 | UGL | | |
| MW-37 | 08MW3701 | 0.0 18-APR-95 | PC 102490 | SS15/W | 7439-95- | Magnesium | | 4680 | UGL | | |
| | | | | | 7439-96- | Manganese | | 321 | UGL | | |
| | | | | | 7440-23- | Sodium | | 16900 | UGL | | |
| | | | | | 7440-39- | Barium | | 48.4 | UGL | | |
| | | | | | 7440-66- | Zinc | | 43.7 | UGL | | |
| | | | | | 7440-70- | Calcium | | 9680 | UGL | | |
| | | | | | 7439-89- | Iron | | 226 | UGL | | |
| | | | | | 7439-95- | Magnesium | | 5100 | UGL | | |
| | | | | | 7439-96- | Manganese | | 270 | UGL | | |
| | | | | | 7440-23- | Sodium | | 16200 | UGL | | |
| | | | | | 7440-39- | Barium | | 40.3 | UGL | | |
| | | | | | 7440-66- | Zinc | | 30.5 | UGL | | |

- Analyte Description has been truncated. See Data Dictionary

14-JUL-95

09:24:40

Final Documentation Appendix Report
 Detectable Results (Hits) Only
 Installation: Woodbridge Reg Facility, VA (WB)
 File Type: CGW

Sampling Date Range: 01-APR-95 01-JUL-95

| Site ID | Field Sample No. | Depth | Sample Date | Lab No. | Lab | Meth/Matrix | CAS No. | Analyte Description | Meas. Bool. | Conc. | Unit Meas. | Flag Codes | Data Quals |
|----------|------------------|-------|-------------|-----------|-----|-------------|----------|-----------------------------------|-------------|-------|------------|------------|------------|
| LL MW-38 | 08MW3801 | 0.0 | 18-APR-95 | PC 102504 | | SS15/W | 7440-70- | Calcium | | 8640 | UGL | | |
| MX-39 | 09MW3901 | 0.0 | 17-APR-95 | PC 101940 | | UM05/W | 7439-95- | Magnesium | | 8 | UGL | S | |
| | | | | | | SS15/W | 7439-96- | Manganese | | 5270 | UGL | | |
| | | | | | | | 7440-23- | Sodium | | 326 | UGL | | |
| | | | | | | | 7440-39- | Barium | | 5690 | UGL | | |
| | | | | | | | 7440-66- | Zinc | | 30.2 | UGL | | |
| | | | | | | | 7440-70- | Calcium | | 92.6 | UGL | | |
| | | | | | | UM05/W | 108-90-7 | Chlorobenzene / Monochlorobenzene | | 5300 | UGL | | |
| | | | | | | | 67-64-1 | Acetone | | 26 | UGL | S | |
| | | | | | | | | Unknown compound 226 | | 11 | UGL | S | |
| | | | | | | | | Unknown compound 277 | | 7 | UGL | S | |
| MX-40 | 03MW4001 | 0.0 | 17-APR-95 | PC 101958 | | SS15/W | 7439-80- | Iron | | 8 | UGL | S | |
| | | | | | | | 7439-95- | Magnesium | | 532 | UGL | | |
| | | | | | | | 7439-96- | Manganese | | 7360 | UGL | | |
| | | | | | | | 7440-23- | Sodium | | 346 | UGL | | |
| | | | | | | | 7440-39- | Barium | | 15700 | UGL | | |
| | | | | | | | 7440-66- | Zinc | | 83.7 | UGL | | |
| | | | | | | | 7440-70- | Calcium | | 28.5 | UGL | | |
| | | | | | | UM05/W | | Unknown compound 023 | | 10200 | UGL | | |
| | | | | | | | | | | 30 | UGL | S | |

** End of Report - 106 - Records Found **

- Analyte Description has been truncated. See Data Dictionary

FIELD QC ANALYTICAL DATA

RESULTS FOR TRIP BLANKS

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|--------------|-------------------|----------------|--------------------|---------------------------|--------------|-------|--------------|---------------|---------------|---------------|
| WB | 8020/W | 21-APR-94 | TB14 | 12DMB | ND | 1 | UGL | | | EVJ |
| WB | 8020/W | 21-APR-94 | TB14 | 134DMB | ND | 1 | UGL | | | EVJ |
| WB | 8020/W | 21-APR-94 | TB14 | Benzene | ND | .5 | UGL | | | EVJ |
| WB | 8020/W | 21-APR-94 | TB14 | Ethylbenzene | ND | .3 | UGL | | | EVJ |
| WB | 8020/W | 21-APR-94 | TB14 | Toluene | ND | .8 | UGL | | | EVJ |
| WB | 8020/W | 14-APR-94 | TB10 | 12DMB | ND | 1 | UGL | | | EVL |
| WB | 8020/W | 14-APR-94 | TB10 | 134DMB | ND | 1 | UGL | | | EVL |
| WB | 8020/W | 14-APR-94 | TB10 | Benzene | ND | .5 | UGL | | | EVL |
| WB | 8020/W | 14-APR-94 | TB10 | Ethylbenzene | ND | .3 | UGL | | | EVL |
| WB | 8020/W | 14-APR-94 | TB10 | Toluene | ND | .8 | UGL | | | EVL |
| WB | 8020/W | 12-MAY-94 | TB15 | 12DMB | ND | 1 | UGL | | | EVM |
| WB | 8020/W | 12-MAY-94 | TB15 | 134DMB | ND | 1 | UGL | | | EVM |
| WB | 8020/W | 12-MAY-94 | TB15 | Benzene | ND | .5 | UGL | | | EVM |
| WB | 8020/W | 12-MAY-94 | TB15 | Ethylbenzene | ND | .3 | UGL | | | EVM |
| WB | 8020/W | 12-MAY-94 | TB15 | Toluene | ND | .8 | UGL | | | EVM |
| WB | 8020/W | 16-MAY-94 | TB16 | 12DMB | ND | 1 | UGL | | | EVM |
| WB | 8020/W | 16-MAY-94 | TB16 | 134DMB | ND | 1 | UGL | | | EVM |
| WB | 8020/W | 16-MAY-94 | TB16 | Benzene | ND | .5 | UGL | | | EVM |
| WB | 8020/W | 16-MAY-94 | TB16 | Ethylbenzene | ND | .3 | UGL | | | EVM |
| WB | 8020/W | 16-MAY-94 | TB16 | Toluene | ND | .8 | UGL | | | EVM |
| WB | 8020/W | 17-MAY-94 | TB17 | 12DMB | ND | 1 | UGL | | | EVN |
| WB | 8020/W | 17-MAY-94 | TB17 | 134DMB | ND | 2 | UGL | | | EVN |
| WB | 8020/W | 17-MAY-94 | TB17 | Benzene | ND | .5 | UGL | | | EVN |
| WB | 8020/W | 17-MAY-94 | TB17 | Ethylbenzene | ND | .3 | UGL | | | EVN |
| WB | 8020/W | 17-MAY-94 | TB17 | Toluene | ND | .8 | UGL | | | EVN |
| WB | 8020/W | 18-MAY-94 | TB18 | 12DMB | ND | 1 | UGL | | | EVN |
| WB | 8020/W | 18-MAY-94 | TB18 | 134DMB | ND | 2 | UGL | | | EVN |
| WB | 8020/W | 18-MAY-94 | TB18 | Benzene | ND | .5 | UGL | | | EVN |
| WB | 8020/W | 18-MAY-94 | TB18 | Ethylbenzene | ND | .3 | UGL | | | EVN |
| WB | 8020/W | 18-MAY-94 | TB18 | Toluene | ND | .8 | UGL | | | EVN |
| WB | UM05/W | 19-APR-94 | TB12 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | 1,1-Dichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | 1,1-Dichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | 1,2-Dichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | 1,2-Dichloropropane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | 2-Butanone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | 2-Hexanone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Acetone | ND | 10 | UGL | R | | ING |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|--------------|-------------------|----------------|--------------------|---------------------------|--------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 19-APR-94 | TB12 | Benzene | ND | | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Bromodichloromethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Bromoform | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Bromomethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | C13DCP | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Carbon disulfide | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Carbon tetrachloride | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Chlorobenzene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Chloroethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Chloroethene | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Chloroform | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Chloromethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Dibromochloromethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Ethylbenzene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Methyl isobutyl ketone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Methylene chloride | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Styrene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | T13DCP | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Tetrachloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Toluene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Trichloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 19-APR-94 | TB12 | Xylenes (total) | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | 1,1-Dichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | 1,2-Dichloroethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | 1,2-Dichloropropane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | 2-Butanone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | 2-Hexanone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Acetone | ND | 12 | UGL | S | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Benzene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Bromodichloromethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Bromoform | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Bromomethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | C13DCP | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Carbon disulfide | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Carbon tetrachloride | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Chlorobenzene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Chloroethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Chloroethene | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Chloroform | ND | 5 | UGL | R | | ING |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|-----------|----------------|-------------|-----------------|---------------------------|-----------|-------|-----------|------------|------------|------------|
| WB | UM05/W | 20-APR-94 | TB13 | Chloromethane | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | cis-1,2-Dichloroethene | ND | | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Dibromochloromethane | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Ethylbenzene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Methyl isobutyl ketone | ND | 10 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Methylene chloride | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Styrene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | T13DCP | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Tetrachloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Toluene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Trichloroethene | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 20-APR-94 | TB13 | Xylenes (total) | ND | 5 | UGL | R | | ING |
| WB | UM05/W | 22-JUL-94 | TB19 | 1,1,1-Trichloroethane | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | 1,1,2-Trichloroethane | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | 1,1-Dichloroethane | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | 1,1-Dichloroethene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | 1,2-Dichloroethane | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | 1,2-Dichloropropane | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | 2-Butanone | ND | 10 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | 2-Hexanone | ND | 10 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Acetone | ND | 10 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Benzene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Bromodichloromethane | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Bromoform | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Bromomethane | ND | 10 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | C13DCP | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Carbon disulfide | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Carbon tetrachloride | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Chlorobenzene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Chloroethane | ND | 10 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Chloroethene | ND | 10 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Chloroform | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Chloromethane | ND | 10 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | cis-1,2-Dichloroethene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Dibromochloromethane | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Ethylbenzene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Methyl isobutyl ketone | ND | 10 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Methylene chloride | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Styrene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | T13DCP | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Tetrachloroethene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Toluene | ND | 5 | UGL | RV | | INH |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|--------------|-------------------|----------------|--------------------|---------------------------|--------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 22-JUL-94 | TB19 | trans-1,2-Dichloroethene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Trichloroethene | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 22-JUL-94 | TB19 | Xylenes (total) | ND | 5 | UGL | RV | | INH |
| WB | UM05/W | 09-AUG-94 | TB21 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | 1,2-Dichloroethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | 1,2-Dichloropropane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | 2-Butanone | ND | 10 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | 2-Hexanone | ND | 10 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Acetone | ND | 10 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Benzene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Bromodichloromethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Bromoform | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Bromomethane | ND | 10 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Carbon disulfide | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Carbon tetrachloride | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Chlorobenzene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Chloroethane | ND | 10 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Chloroform | ND | 10 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Chloromethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Dibromochloromethane | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Ethylbenzene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Methyl isobutyl ketone | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Methylene chloride | ND | 10 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Styrene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | T13DCP | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Tetrachloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Toluene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Trichloroethene | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 09-AUG-94 | TB21 | Xylenes (total) | ND | 5 | UGL | R | | INI |
| WB | UM05/W | 01-MAR-95 | TB3195 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | 1,2-Dichloroethane | ND | 5 | UGL | R | | INM |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|--------------|-------------------|----------------|--------------------|---------------------------|--------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 01-MAR-95 | TB3195 | 1,2-Dichloropropane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | 2-Butanone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | 2-Hexanone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Acetone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Benzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Bromodichloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Bromoform | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Bromomethane | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | C13DCP | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Carbon disulfide | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Carbon tetrachloride | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Chlorobenzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Chloroethane | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Chloroform | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Chloromethane | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Dibromochloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Ethylbenzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Methyl isobutyl ketone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Methylene chloride | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Styrene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | TriDCP | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Tetrachloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Toluene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Trichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 01-MAR-95 | TB3195 | Xylenes (total) | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | 1,2-Dichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | 1,2-Dichloropropane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | 2-Butanone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | 2-Hexanone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Acetone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Benzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Bromodichloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Bromoform | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Bromomethane | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | C13DCP | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Carbon disulfide | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Carbon tetrachloride | ND | 5 | UGL | R | | INM |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|--------------|-------------------|----------------|--------------------|---------------------------|--------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 02-MAR-95 | TB3295 | Chlorobenzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Chloroethane | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Chloroethene | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Chloroform | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Chloromethane | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Dibromochloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Ethylbenzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Methyl isobutyl ketone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Methylene chloride | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Styrene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | T13DCP | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Tetrachloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Toluene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Trichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 02-MAR-95 | TB3295 | Xylenes (total) | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 1,1-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 1,2-Dichloroethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 1,2-Dichloropropane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 2-Butanone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | 2-Hexanone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Acetone | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Benzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Bromodichloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Bromoform | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Bromomethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | C13DCP | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Carbon disulfide | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Carbon tetrachloride | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Chlorobenzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Chloroethane | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Chloroethene | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Chloroform | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Chloromethane | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Dibromochloromethane | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Ethylbenzene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Methyl isobutyl ketone | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Methylene chloride | ND | 10 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Styrene | ND | 5 | UGL | R | | INM |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|--------------|-------------------|----------------|--------------------|---------------------------|--------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 03-MAR-95 | TB3395 | T13DCP | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Tetrachloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Toluene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Trichloroethene | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 03-MAR-95 | TB3395 | Xylenes (total) | ND | 5 | UGL | R | | INM |
| WB | UM05/W | 17-APR-95 | TB41795 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | 1,2-Dichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | 1,2-Dichloropropane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | 2-Butanone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | 2-Hexanone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Acetone | ND | 12 | UGL | S | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Benzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Bromodichloromethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Bromoform | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Bromomethane | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | C13DCP | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Carbon disulfide | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Carbon tetrachloride | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Chlorobenzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Chloroethane | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Chloroform | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Chloromethane | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Dibromochloromethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Ethylbenzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Methyl isobutyl ketone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Methylene chloride | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Styrene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | T13DCP | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Tetrachloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Toluene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Trichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 17-APR-95 | TB41795 | Xylenes (total) | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INO |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|--------------|-------------------|----------------|--------------------|---------------------------|--------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 18-APR-95 | TB41895 | 1,1-Dichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | 1,2-Dichloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | 1,2-Dichloropropane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | 2-Butanone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | 2-Hexanone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Acetone | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Benzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Bromodichloromethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Bromoform | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Bromomethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | C13DCP | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Carbon disulfide | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Carbon tetrachloride | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Chlorobenzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Chloroethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Chloroethene | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Chloroform | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Chloromethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | cis-1,2-Dichloroethene | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Dibromochloromethane | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Ethylbenzene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Methyl isobutyl ketone | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Methylene chloride | ND | 10 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Styrene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | T13DCP | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Tetrachloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Toluene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Trichloroethene | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 18-APR-95 | TB41895 | Xylenes (total) | ND | 5 | UGL | R | | INO |
| WB | UM05/W | 21-APR-95 | TB42195 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | 1,1-Dichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | 1,2-Dichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | 1,2-Dichloropropane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | 2-Butanone | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | 2-Hexanone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Acetone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Benzene | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Bromodichloromethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Bromoform | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Bromomethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | | ND | 10 | UGL | R | | INP |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|-----------|----------------|-------------|-----------------|---------------------------|-----------|-------|-----------|------------|------------|------------|
| WB | UM05/W | 21-APR-95 | TB42195 | C13DCP | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Carbon disulfide | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Carbon tetrachloride | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Chlorobenzene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Chloroethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Chloroethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Chloroform | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Chloromethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Dibromochloromethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Ethylbenzene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Methyl isobutyl ketone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Methylene chloride | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Styrene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | TT3DCP | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Tetrachloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Toluene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Trichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 21-APR-95 | TB42195 | Xylenes (total) | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | 1,1-Dichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | 1,2-Dichloroethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | 1,2-Dichloropropane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | 2-Butanone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Acetone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Benzene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Bromodichloromethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Bromoform | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Bromomethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | C13DCP | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Carbon disulfide | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Carbon tetrachloride | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Chlorobenzene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Chloroethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Chloroethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Chloroform | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Chloromethane | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Dibromochloromethane | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Ethylbenzene | ND | 5 | UGL | R | | INP |

Results for Trip Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| Inst Code | Method/ Matrix | Sample Date | Field Sample ID | Analyte Description | Meas Bool | Conc. | Unit Meas | Flag Codes | Data Quals | Lot Number |
|--------------|-------------------|----------------|--------------------|--------------------------|--------------|-------|--------------|---------------|---------------|---------------|
| WB | UM05/W | 24-APR-95 | TB42495 | Methyl isobutyl ketone | ND | 10 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Methylene chloride | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Styrene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | T13DCP | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Tetrachloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Toluene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Trichloroethene | ND | 5 | UGL | R | | INP |
| WB | UM05/W | 24-APR-95 | TB42495 | Xylenes (total) | ND | 5 | UGL | R | | INP |

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RESULTS FOR FIELD BLANKS

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|------------------------------|--------------|--------|--------------|------------------------|------------|
| WB | EDJ | RB04 | 00 | 14-APR-94 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDJ | RB05 | 00 | 18-APR-94 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDJ | RB06 | 00 | 19-APR-94 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDJ | RB07 | 00 | 20-APR-94 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDJ | RB09 | 00 | 21-APR-94 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDM | RB12 | 00 | 12-MAY-94 | Total Petroleum Hydrocarbons | ND | 1 | UGL | T | |
| WB | EDM | RB13 | 00 | 16-MAY-94 | Total Petroleum Hydrocarbons | ND | 1 | UGL | T | |
| WB | EDM | RB14 | 00 | 17-MAY-94 | Total Petroleum Hydrocarbons | ND | 1 | UGL | T | |
| WB | EDM | RB15 | 00 | 18-MAY-94 | Total Petroleum Hydrocarbons | ND | 1 | UGL | T | |
| WB | EDN | RB17 | 00 | 26-MAY-94 | Total Petroleum Hydrocarbons | ND | 1 | UGL | T | |
| WB | EDO | RB18 | 00 | 27-JUL-94 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDO | RB18 | 00 | 27-JUL-94 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | DT | |
| WB | EDP | RB20 | 00 | 09-AUG-94 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDS | FB3195 | 00 | 01-MAR-95 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDS | FB3295 | 00 | 02-MAR-95 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDS | FB3395 | 00 | 03-MAR-95 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDU | RB41795 | 00 | 17-APR-95 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | T | |
| WB | EDV | RB41895 | 00 | 18-APR-95 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | | |
| WB | EDV | RB41895 | 00 | 18-APR-95 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | D | |
| WB | EDV | RB42195 | 00 | 21-APR-95 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | | |
| WB | EDV | RB42495 | 00 | 24-APR-95 | Total Petroleum Hydrocarbons | ND | 1000 | UGL | | |
| WB | EFI | RB05 | 2792 | 18-APR-94 | Thallium | ND | 2 | UGL | | |
| WB | EFI | RB06 | 2792 | 19-APR-94 | Thallium | ND | 2 | UGL | | |
| WB | EFI | RB07 | 2792 | 20-APR-94 | Thallium | ND | 9.5 | UGL | | |
| WB | EFI | RB08 | 2792 | 21-APR-94 | Thallium | ND | 2 | UGL | | |
| WB | EFI | RB09 | 2792 | 21-APR-94 | Thallium | ND | 2 | UGL | | |
| WB | EFI | RB10 | 2792 | 22-APR-94 | Thallium | ND | 2 | UGL | | |
| WB | EFJ | RB11 | 2792 | 28-APR-94 | Thallium | ND | 2 | UGL | | |
| WB | EFK | RB18 | 7840 | 22-JUL-94 | Thallium | ND | 2 | UGL | V | |
| WB | EFL | RB19 | 7840 | 10-AUG-94 | Thallium | ND | 2 | UGL | | |
| WB | EFL | RB20 | 7840 | 09-AUG-94 | Thallium | ND | 2 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA | |
|--------------|---------------|--------------------|--------|----------------|----------|--------------|--------|------|---------------|-------|
| | | | | | | | | | MEAS | CODES |
| WB | EFM | FB3195 | 2831 | 01-MAR-95 | TI | ND | 3 | UGL | | |
| WB | EFM | FB3295 | 2831 | 02-MAR-95 | TI | ND | 3 | UGL | | |
| WB | EFM | FB3395 | 2831 | 03-MAR-95 | TI | ND | 3 | UGL | | |
| WB | EFO | RB41795 | 2792 | 17-APR-95 | Thallium | ND | 3 | UGL | | |
| WB | EFO | RB41895 | 2792 | 18-APR-95 | Thallium | ND | 3 | UGL | | |
| WB | EFO | RB42195 | 2792 | 21-APR-95 | Thallium | ND | 3 | UGL | | |
| WB | EFO | RB42495 | 2792 | 24-APR-95 | Thallium | ND | 3 | UGL | | |
| WB | ESH | RB06 | 2062 | 19-APR-94 | Arsenic | ND | 3 | UGL | | |
| WB | ESH | RB08 | 2062 | 21-APR-94 | Arsenic | ND | 3 | UGL | | |
| WB | ESH | RB09 | 2062 | 21-APR-94 | Arsenic | ND | 3 | UGL | | |
| WB | ETC | RB05 | 2042 | 18-APR-94 | Antimony | ND | 3 | UGL | | |
| WB | ETC | RB06 | 2042 | 19-APR-94 | Antimony | ND | 3 | UGL | | |
| WB | ETC | RB07 | 2042 | 20-APR-94 | Antimony | ND | 3 | UGL | | |
| WB | ETC | RB08 | 2042 | 21-APR-94 | Antimony | ND | 3 | UGL | | |
| WB | ETC | RB09 | 2042 | 21-APR-94 | Antimony | ND | 3 | UGL | | |
| WB | ETC | RB10 | 2042 | 22-APR-94 | Antimony | ND | 3 | UGL | | |
| WB | ETE | RB11 | 2042 | 28-APR-94 | Antimony | ND | 12 | UGL | | |
| WB | ETF | RB18 | 7041 | 22-JUL-94 | Antimony | ND | 3 | UGL | V | |
| WB | ETG | RB19 | 7041 | 10-AUG-94 | Antimony | ND | 3 | UGL | | |
| WB | ETG | RB20 | 7041 | 09-AUG-94 | Antimony | ND | 3 | UGL | | |
| WB | ETI | FB3195 | 2041 | 01-MAR-95 | Antimony | ND | 5 | UGL | | |
| WB | ETI | FB3295 | 2041 | 02-MAR-95 | Antimony | ND | 5 | UGL | | |
| WB | ETI | FB3395 | 2041 | 03-MAR-95 | Antimony | ND | 5 | UGL | | |
| WB | ETJ | RB41795 | 2042 | 17-APR-95 | Antimony | ND | 5 | UGL | | |
| WB | ETJ | RB41895 | 2042 | 18-APR-95 | Antimony | ND | 5 | UGL | | |
| WB | ETJ | RB42195 | 2042 | 21-APR-95 | Antimony | ND | 5 | UGL | | |
| WB | ETJ | RB42495 | 2042 | 24-APR-95 | Antimony | ND | 5 | UGL | | |
| WB | EVH | RB04 | 6010 | 14-APR-94 | Arsenic | ND | 4 | UGL | | |
| WB | EVH | RB04 | 6010 | 14-APR-94 | Lead | ND | 3 | UGL | | |
| WB | EVH | RB04 | 6010 | 14-APR-94 | Selenium | ND | 5 | UGL | | |
| WB | EVH | RB05 | 6010 | 18-APR-94 | Arsenic | ND | 4 | UGL | | |
| WB | EVH | RB05 | 6010 | 18-APR-94 | Lead | ND | 3 | UGL | | |
| WB | EVH | RB05 | 6010 | 18-APR-94 | Selenium | ND | 5 | UGL | | |
| WB | EVH | RB06 | 6010 | 19-APR-94 | Arsenic | ND | 4 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|--------------|--------------|--------|--------------|------------------------|------------|
| WB | EVH | RB06 | 6010 | 19-APR-94 | Lead | ND | 3 | UGL | | |
| WB | EVH | RB06 | 6010 | 19-APR-94 | Selenium | ND | 5 | UGL | | |
| WB | EVH | RB07 | 6010 | 20-APR-94 | Arsenic | ND | 4 | UGL | | |
| WB | EVH | RB07 | 6010 | 20-APR-94 | Lead | ND | 3 | UGL | | |
| WB | EVH | RB07 | 6010 | 20-APR-94 | Selenium | ND | 5 | UGL | | |
| WB | EVH | RB08 | 6010 | 21-APR-94 | Arsenic | ND | 4 | UGL | | |
| WB | EVH | RB08 | 6010 | 21-APR-94 | Lead | ND | 3 | UGL | | |
| WB | EVH | RB08 | 6010 | 21-APR-94 | Selenium | ND | 5 | UGL | | |
| WB | EVH | RB09 | 6010 | 21-APR-94 | Arsenic | ND | 4 | UGL | | |
| WB | EVH | RB09 | 6010 | 21-APR-94 | Arsenic | ND | 4 | UGL | D | |
| WB | EVH | RB09 | 6010 | 21-APR-94 | Arsenic | ND | 4 | UGL | D | |
| WB | EVH | RB09 | 6010 | 21-APR-94 | Lead | ND | 3 | UGL | D | |
| WB | EVH | RB09 | 6010 | 21-APR-94 | Lead | ND | 5 | UGL | | |
| WB | EVH | RB09 | 6010 | 21-APR-94 | Selenium | ND | 5 | UGL | | |
| WB | EVH | RB10 | 6010 | 22-APR-94 | Arsenic | ND | 4 | UGL | D | |
| WB | EVH | RB10 | 6010 | 22-APR-94 | Lead | ND | 3 | UGL | | |
| WB | EVH | RB10 | 6010 | 22-APR-94 | Selenium | ND | 5 | UGL | | |
| WB | EVL | RB04 | 8020 | 14-APR-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVL | RB04 | 8020 | 14-APR-94 | 134DMB | ND | 1.4 | UGL | | |
| WB | EVL | RB04 | 8020 | 14-APR-94 | Benzene | ND | 5 | UGL | | |
| WB | EVL | RB04 | 8020 | 14-APR-94 | Ethylbenzene | ND | 3 | UGL | | |
| WB | EVL | RB04 | 8020 | 14-APR-94 | Toluene | ND | 8 | UGL | | |
| WB | EVL | RB09 | 8020 | 21-APR-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVL | RB09 | 8020 | 21-APR-94 | 134DMB | ND | 1 | UGL | | |
| WB | EVL | RB09 | 8020 | 21-APR-94 | Benzene | ND | 5 | UGL | | |
| WB | EVL | RB09 | 8020 | 21-APR-94 | Ethylbenzene | ND | 3 | UGL | | |
| WB | EVL | RB09 | 8020 | 21-APR-94 | Toluene | ND | 8 | UGL | | |
| WB | EVM | AB07 | 8020 | 12-MAY-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVM | AB07 | 8020 | 12-MAY-94 | 134DMB | ND | 1 | UGL | | |
| WB | EVM | AB07 | 8020 | 12-MAY-94 | Benzene | ND | 5 | UGL | | |
| WB | EVM | AB07 | 8020 | 12-MAY-94 | Ethylbenzene | ND | 3 | UGL | | |
| WB | EVM | AB07 | 8020 | 12-MAY-94 | Toluene | ND | 8 | UGL | | |
| WB | EVM | AB08 | 8020 | 16-MAY-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVM | AB08 | 8020 | 16-MAY-94 | 134DMB | ND | 1 | UGL | | |
| WB | EVM | AB08 | 8020 | 16-MAY-94 | Benzene | ND | 5 | UGL | | |
| WB | EVM | AB08 | 8020 | 16-MAY-94 | Ethylbenzene | ND | 3 | UGL | | |
| WB | EVM | AB08 | 8020 | 16-MAY-94 | Toluene | ND | 8 | UGL | | |
| WB | EVM | AB09 | 8020 | 17-MAY-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVM | AB09 | 8020 | 17-MAY-94 | 134DMB | ND | 1 | UGL | | |
| WB | EVM | AB09 | 8020 | 17-MAY-94 | Benzene | ND | 5 | UGL | | |
| WB | EVM | AB09 | 8020 | 17-MAY-94 | Ethylbenzene | ND | 3 | UGL | | |
| WB | EVM | AB09 | 8020 | 17-MAY-94 | Toluene | ND | 8 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA | |
|--------------|---------------|--------------------|--------|----------------|--------------|--------------|--------|--------------|---------------|------------|
| | | | | | | | | | CODES | QUALIFIERS |
| WB | EVM | RB12 | 8020 | 12-MAY-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVM | RB12 | 8020 | 12-MAY-94 | 134DMB | ND | 1 | UGL | | |
| WB | EVM | RB12 | 8020 | 12-MAY-94 | Benzene | ND | .5 | UGL | | |
| WB | EVM | RB12 | 8020 | 12-MAY-94 | Ethylbenzene | ND | .3 | UGL | | |
| WB | EVM | RB12 | 8020 | 12-MAY-94 | Toluene | ND | .8 | UGL | | |
| WB | EVM | RB13 | 8020 | 16-MAY-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVM | RB13 | 8020 | 16-MAY-94 | 134DMB | ND | 1 | UGL | | |
| WB | EVM | RB13 | 8020 | 16-MAY-94 | Benzene | ND | .5 | UGL | | |
| WB | EVM | RB13 | 8020 | 16-MAY-94 | Ethylbenzene | ND | .3 | UGL | | |
| WB | EVM | RB13 | 8020 | 16-MAY-94 | Toluene | ND | .8 | UGL | | |
| WB | EVM | RB14 | 8020 | 17-MAY-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVM | RB14 | 8020 | 17-MAY-94 | 134DMB | ND | 1 | UGL | | |
| WB | EVM | RB14 | 8020 | 17-MAY-94 | Benzene | ND | .5 | UGL | | |
| WB | EVM | RB14 | 8020 | 17-MAY-94 | Ethylbenzene | ND | .3 | UGL | | |
| WB | EVM | RB14 | 8020 | 17-MAY-94 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | | | |
| WB | EVN | AB10 | 8020 | 18-MAY-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVN | AB10 | 8020 | 18-MAY-94 | 134DMB | ND | 2 | UGL | | |
| WB | EVN | AB10 | 8020 | 18-MAY-94 | Benzene | ND | .5 | UGL | | |
| WB | EVN | AB10 | 8020 | 18-MAY-94 | Ethylbenzene | ND | .3 | UGL | | |
| WB | EVN | AB10 | 8020 | 18-MAY-94 | Toluene | ND | .8 | UGL | | |
| WB | EVN | RB15 | 8020 | 18-MAY-94 | 12DMB | ND | 1 | UGL | | |
| WB | EVN | RB15 | 8020 | 18-MAY-94 | 134DMB | ND | 2 | UGL | | |
| WB | EVN | RB15 | 8020 | 18-MAY-94 | Benzene | ND | .5 | UGL | | |
| WB | EVN | RB15 | 8020 | 18-MAY-94 | Ethylbenzene | ND | .3 | UGL | | |
| WB | EVN | RB15 | 8020 | 18-MAY-94 | Toluene | ND | .8 | UGL | | |
| | | | | | | | | | | |
| WB | EVY | RB11 | 6010 | 28-APR-94 | Arsenic | ND | 4 | UGL | | |
| WB | EVY | RB11 | 6010 | 28-APR-94 | Lead | ND | 3 | UGL | | |
| WB | EVY | RB11 | 6010 | 28-APR-94 | Selenium | ND | 5 | UGL | | |
| | | | | | | | | | | |
| WB | EVZ | RB14F | 6010 | 17-MAY-94 | Lead | ND | 3 | UGL | F | |
| WB | EVZ | RB15 | 6010 | 18-MAY-94 | Lead | ND | 3 | UGL | | |
| WB | EVZ | RB15F | 6010 | 18-MAY-94 | Lead | ND | 3 | UGL | F | |
| | | | | | | | | | | |
| WB | EWA | RB12 | 6010 | 12-MAY-94 | Lead | ND | 3 | UGL | | |
| WB | EWA | RB12F | 6010 | 12-MAY-94 | Lead | ND | 3 | UGL | F | |
| WB | EWA | RB13 | 6010 | 16-MAY-94 | Lead | ND | 3 | UGL | | |
| WB | EWA | RB13F | 6010 | 16-MAY-94 | Lead | ND | 3 | UGL | F | |
| WB | EWA | RB14 | 6010 | 17-MAY-94 | Lead | ND | 3 | UGL | | |
| | | | | | | | | | | |
| WB | EWJ | RB18 | 8015 | 22-JUL-94 | ATTFRZ | ND | 5000 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|----------|--------------|--------|--------------|------------------------|------------|
| WB | EWM | RB18 | 6010 | 22-JUL-94 | Arsenic | ND | 4 | UGL | V | |
| WB | EWM | RB18 | 6010 | 22-JUL-94 | Lead | ND | 3 | UGL | V | |
| WB | EWM | RB18 | 6010 | 22-JUL-94 | Selenium | ND | 5 | UGL | V | |
| WB | EWN | RB19 | 6010 | 10-AUG-94 | Arsenic | ND | 4 | UGL | | |
| WB | EWN | RB19 | 6010 | 10-AUG-94 | Lead | ND | 3 | UGL | | |
| WB | EWN | RB19 | 6010 | 10-AUG-94 | Selenium | ND | 5 | UGL | | |
| WB | EWN | RB20 | 6010 | 09-AUG-94 | Arsenic | ND | 4 | UGL | | |
| WB | EWN | RB20 | 6010 | 09-AUG-94 | Lead | ND | 3 | UGL | | |
| WB | EWN | RB20 | 6010 | 09-AUG-94 | Selenium | ND | 5 | UGL | | |
| WB | EWP | FB3195 | 6010 | 01-MAR-95 | Arsenic | ND | 4 | UGL | | |
| WB | EWP | FB3195 | 6010 | 01-MAR-95 | Lead | ND | 3 | UGL | | |
| WB | EWP | FB3195 | 6010 | 01-MAR-95 | Selenium | ND | 5 | UGL | | |
| WB | EWP | FB3295 | 6010 | 02-MAR-95 | Arsenic | ND | 4 | UGL | | |
| WB | EWP | FB3295 | 6010 | 02-MAR-95 | Lead | ND | 3 | UGL | | |
| WB | EWP | FB3295 | 6010 | 02-MAR-95 | Selenium | ND | 5 | UGL | | |
| WB | EWP | FB3395 | 6010 | 03-MAR-95 | Arsenic | ND | 4 | UGL | | |
| WB | EWP | FB3395 | 6010 | 03-MAR-95 | Lead | ND | 3 | UGL | | |
| WB | EWP | FB3395 | 6010 | 03-MAR-95 | Selenium | ND | 5 | UGL | | |
| WB | EWQ | RB41795 | 6010 | 17-APR-95 | Arsenic | ND | 4 | UGL | | |
| WB | EWQ | RB41795 | 6010 | 17-APR-95 | Lead | ND | 3 | UGL | | |
| WB | EWQ | RB41795 | 6010 | 17-APR-95 | Selenium | ND | 5 | UGL | | |
| WB | EWQ | RB41895 | 6010 | 18-APR-95 | Arsenic | ND | 4 | UGL | | |
| WB | EWQ | RB41895 | 6010 | 18-APR-95 | Lead | ND | 3 | UGL | | |
| WB | EWQ | RB41895 | 6010 | 18-APR-95 | Selenium | ND | 5 | UGL | | |
| WB | EWQ | RB42195 | 6010 | 21-APR-95 | Arsenic | ND | 4 | UGL | | |
| WB | EWQ | RB42195 | 6010 | 21-APR-95 | Lead | ND | 3 | UGL | | |
| WB | EWQ | RB42195 | 6010 | 21-APR-95 | Selenium | ND | 5 | UGL | | |
| WB | EWR | RB42495 | 6010 | 24-APR-95 | Arsenic | ND | 4 | UGL | | |
| WB | EWR | RB42495 | 6010 | 24-APR-95 | Lead | ND | 3 | UGL | | |
| WB | EWR | RB42495 | 6010 | 24-APR-95 | Selenium | ND | 5 | UGL | | |
| WB | IJP | RB05 | SB07 | 18-APR-94 | Mercury | LT | .74 | UGL | | |
| WB | IJP | RB06 | SB07 | 19-APR-94 | Mercury | LT | .74 | UGL | | |
| WB | IJP | RB07 | SB07 | 20-APR-94 | Mercury | LT | .74 | UGL | | |
| WB | IJP | RB08 | SB07 | 21-APR-94 | Mercury | LT | .74 | UGL | | |
| WB | IJP | RB09 | SB07 | 21-APR-94 | Mercury | LT | .74 | UGL | | |
| WB | IJP | RB10 | SB07 | 22-APR-94 | Mercury | LT | .74 | UGL | | |
| WB | IJP | RB11 | SB07 | 28-APR-94 | Mercury | LT | .74 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|------------------------|------------|
| WB | IJT | RB18 | SB07 | 22-JUL-94 | Mercury | LT | .74 | UGL | V | |
| WB | IJU | RB19 | SB07 | 10-AUG-94 | Mercury | LT | .74 | UGL | | |
| WB | IJU | RB20 | SB07 | 09-AUG-94 | Mercury | LT | .74 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Aldrin | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | alpha-Benzene hexachloride | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | alpha-Chlordane | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | beta-Benzene hexachloride | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | delta-Benzene hexachloride | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Dieldrin | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Endosulfan I | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Endosulfan II | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Endosulfan sulfate | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Endrin | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Endrin | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | ENDRNK | ND | .1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | gamma-Chlordane | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Heptachlor | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Heptachlor epoxide | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Lindane | ND | .05 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Methoxychlor | ND | .5 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | PCB 1016 | ND | 1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | PCB 1221 | ND | 2 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | PCB 1232 | ND | 1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | PCB 1242 | ND | 1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | PCB 1248 | ND | 1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | PCB 1254 | ND | 1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | PCB 1260 | ND | 1 | UGL | | |
| WB | ILP | RB04 | 8080 | 14-APR-94 | Toxaphene | ND | 5 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Aldrin | LT | .0638 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Dieldrin | LT | .0321 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Endosulfan I | LT | .00856 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|------------------------|------------|
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Endosulfan II | LT | .012 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Endrin | LT | .0372 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Endrin | LT | .0697 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | ENDRNK | LT | .0282 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Heptachlor | LT | .0631 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Lindane | LT | .0429 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Methoxychlor | LT | .267 | UGL | | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | PCB 1016 | ND | .1 | UGL | T | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | PCB 1221 | ND | .2 | UGL | T | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | PCB 1232 | ND | .1 | UGL | T | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | PCB 1242 | ND | .1 | UGL | T | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | PCB 1248 | ND | .1 | UGL | T | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | PCB 1254 | ND | .1 | UGL | T | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | PCB 1260 | ND | .1 | UGL | T | |
| WB | ILQ | RB05 | UH21 | 18-APR-94 | Toxaphene | ND | .5 | UGL | T | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Aldrin | LT | .0638 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Dieldrin | LT | .0321 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Endosulfan I | LT | .00856 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Endosulfan II | LT | .012 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Endrin | LT | .0372 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Endrin | LT | .0697 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | ENDRNK | LT | .0282 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Heptachlor | LT | .0631 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Lindane | LT | .0429 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Methoxychlor | LT | .267 | UGL | | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | PCB 1016 | ND | .1 | UGL | T | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | PCB 1221 | ND | .2 | UGL | T | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | PCB 1232 | ND | .1 | UGL | T | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | PCB 1242 | ND | .1 | UGL | T | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | PCB 1248 | ND | .1 | UGL | T | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | PCB 1254 | ND | .1 | UGL | T | |
| WB | ILQ | RB06 | UH21 | 19-APR-94 | PCB 1260 | ND | .1 | UGL | T | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|------------------------|------------|
| WB | ILQ | RB06 | UH21 | 19-APR-94 | Toxaphene | ND | .5 | UGL | T | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Aldrin | LT | .0638 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Dieldrin | LT | .0321 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Endosulfan I | LT | .00856 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Endosulfan II | LT | .012 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Endrin | LT | .0372 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Endrin | LT | .0697 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | ENDRNK | LT | .0282 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Heptachlor | LT | .0631 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Lindane | LT | .0429 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Methoxychlor | LT | .267 | UGL | | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | PCB 1016 | ND | .1 | UGL | T | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | PCB 1221 | ND | .2 | UGL | T | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | PCB 1232 | ND | .1 | UGL | T | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | PCB 1242 | ND | .1 | UGL | T | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | PCB 1248 | ND | .1 | UGL | T | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | PCB 1254 | ND | .1 | UGL | T | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | PCB 1260 | ND | .1 | UGL | T | |
| WB | ILQ | RB07 | UH21 | 20-APR-94 | Toxaphene | ND | .5 | UGL | T | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Aldrin | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | alpha-Benzene hexachloride | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | alpha-Chlordane | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | beta-Benzene hexachloride | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | delta-Benzene hexachloride | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Dieldrin | ND | .1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Endosulfan I | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Endosulfan II | ND | .1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Endosulfan sulfate | ND | .1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Endrin | ND | .1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Endrin | ND | .1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | ENDRNK | ND | .1 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|------------------------|------------|
| WB | ILR | RB09 | 8080 | 21-APR-94 | gamma-Chlordane | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Heptachlor | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Heptachlor epoxide | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Lindane | ND | .05 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Methoxychlor | ND | .5 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | PCB 1016 | ND | 1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | PCB 1221 | ND | 2 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | PCB 1232 | ND | 1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | PCB 1242 | ND | 1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | PCB 1248 | ND | 1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | PCB 1254 | ND | 1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | PCB 1260 | ND | 1 | UGL | | |
| WB | ILR | RB09 | 8080 | 21-APR-94 | Toxaphene | ND | 5 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Aldrin | LT | .0638 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Dieldrin | LT | .0321 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Endosulfan I | LT | .00856 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Endosulfan II | LT | .012 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Endrin | LT | .0372 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Endrin | LT | .0697 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | ENDRNK | LT | .0282 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Heptachlor | LT | .0631 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Lindane | LT | .0429 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Methoxychlor | LT | .267 | UGL | | |
| WB | ILS | RB08 | UH21 | 21-APR-94 | PCB 1016 | ND | .1 | UGL | | T |
| WB | ILS | RB08 | UH21 | 21-APR-94 | PCB 1221 | ND | .2 | UGL | | T |
| WB | ILS | RB08 | UH21 | 21-APR-94 | PCB 1232 | ND | .1 | UGL | | T |
| WB | ILS | RB08 | UH21 | 21-APR-94 | PCB 1242 | ND | .1 | UGL | | T |
| WB | ILS | RB08 | UH21 | 21-APR-94 | PCB 1248 | ND | .1 | UGL | | T |
| WB | ILS | RB08 | UH21 | 21-APR-94 | PCB 1254 | ND | .1 | UGL | | T |
| WB | ILS | RB08 | UH21 | 21-APR-94 | PCB 1260 | ND | .1 | UGL | | T |
| WB | ILS | RB08 | UH21 | 21-APR-94 | Toxaphene | ND | .5 | UGL | | T |
| WB | ILS | RB10 | UH21 | 22-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|------|------------------------|------------|
| WB | ILS | RB10 | UH21 | 22-APR-94 | Aldrin | LT | .0638 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Dieldrin | LT | .0321 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Endosulfan I | LT | .00856 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Endosulfan II | LT | .012 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Endrin | LT | .0372 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Endrin | LT | .0697 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | ENDRNK | LT | .0282 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Heptachlor | LT | .0631 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Lindane | LT | .0429 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Methoxychlor | LT | .267 | UGL | | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | PCB 1016 | ND | .1 | UGL | T | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | PCB 1221 | ND | .2 | UGL | T | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | PCB 1232 | ND | .1 | UGL | T | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | PCB 1242 | ND | .1 | UGL | T | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | PCB 1248 | ND | .1 | UGL | T | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | PCB 1254 | ND | .1 | UGL | T | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | PCB 1260 | ND | .1 | UGL | T | |
| WB | ILS | RB10 | UH21 | 22-APR-94 | Toxaphene | ND | .5 | UGL | T | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | J |
| WB | ILT | RB11 | UH21 | 28-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Aldrin | LT | .0638 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Dieldrin | LT | .0321 | UGL | | J |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Endosulfan I | LT | .00856 | UGL | | JN |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Endosulfan II | LT | .012 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Endrin | LT | .0372 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Endrin | LT | .0697 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | ENDRNK | LT | .0282 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | gamma-Chlordane | LT | .045 | UGL | | J |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Heptachlor | LT | .0631 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Lindane | LT | .0429 | UGL | | J |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|------------------------|------------|
| WB | ILT | RB11 | UH21 | 28-APR-94 | Methoxychlor | LT | .267 | UGL | | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | PCB 1016 | ND | .1 | UGL | T | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | PCB 1221 | ND | .2 | UGL | T | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | PCB 1232 | ND | .1 | UGL | T | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | PCB 1242 | ND | .1 | UGL | T | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | PCB 1248 | ND | .1 | UGL | T | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | PCB 1254 | ND | .1 | UGL | T | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | PCB 1260 | ND | .1 | UGL | T | |
| WB | ILT | RB11 | UH21 | 28-APR-94 | Toxaphene | ND | .5 | UGL | T | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | ND | .11 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | ND | .11 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | ND | .11 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Aldrin | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | alpha-Benzene hexachloride | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | beta-Benzene hexachloride | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | CLDAN | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | delta-Benzene hexachloride | ND | .22 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Dieldrin | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Endosulfan I | ND | .11 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Endosulfan II | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Endosulfan sulfate | ND | .11 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Endrin | ND | .11 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Endrin | ND | .11 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Heptachlor | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Heptachlor epoxide | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Lindane | ND | .055 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Methoxychlor | ND | .55 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | PCB 1016 | ND | 1.1 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | PCB 1221 | ND | 1.1 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | PCB 1232 | ND | 1.1 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | PCB 1242 | ND | 1.1 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | PCB 1248 | ND | 1.1 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | PCB 1254 | ND | 1.1 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | PCB 1260 | ND | 1.1 | UGL | | |
| WB | ILU | RB16 | 8080 | 18-MAY-94 | Toxaphene | ND | 5.5 | UGL | | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Aldrin | LT | .0638 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | alpha-Benzene hexachloride | LT | .0434 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | alpha-Chlordane | LT | .0202 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | beta-Benzene hexachloride | LT | .0109 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | delta-Benzene hexachloride | LT | .0488 | UGL | V | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|------------------------|------------|
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Dieldrin | LT | .0321 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Endosulfan I | LT | .00856 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Endosulfan II | LT | .012 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Endosulfan sulfate | LT | .02 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Endrin | LT | .0372 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Endrin | LT | .0697 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | ENDRNK | LT | .0282 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | gamma-Chlordane | LT | .045 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Heptachlor | LT | .0631 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Heptachlor epoxide | LT | .006 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Lindane | LT | .0429 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Methoxychlor | LT | .267 | UGL | V | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | PCB 1016 | ND | .1 | UGL | TV | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | PCB 1221 | ND | .2 | UGL | TV | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | PCB 1232 | ND | .1 | UGL | TV | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | PCB 1242 | ND | .1 | UGL | TV | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | PCB 1248 | ND | .1 | UGL | TV | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | PCB 1254 | ND | .1 | UGL | TV | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | PCB 1260 | ND | .1 | UGL | TV | |
| WB | ILV | RB18 | UH21 | 22-JUL-94 | Toxaphene | ND | .5 | UGL | TV | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Aldrin | LT | .0638 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Dieldrin | LT | .0321 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Endosulfan I | LT | .00856 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Endosulfan II | LT | .012 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Endrin | LT | .0372 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Endrin | LT | .0697 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | ENDRNK | LT | .0282 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Heptachlor | LT | .0631 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Lindane | LT | .0429 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Methoxychlor | LT | .267 | UGL | | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | PCB 1016 | ND | .1 | UGL | T | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | PCB 1221 | ND | .2 | UGL | T | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | PCB 1232 | ND | .1 | UGL | T | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | PCB 1242 | ND | .1 | UGL | T | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|--------------|------------------------|------------|
| WB | ILW | RB20 | UH21 | 09-AUG-94 | PCB 1248 | ND | .1 | UGL | T | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | PCB 1254 | ND | .1 | UGL | T | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | PCB 1260 | ND | .1 | UGL | T | |
| WB | ILW | RB20 | UH21 | 09-AUG-94 | Toxaphene | ND | .5 | UGL | T | |
| WB | IME | RB05 | TY03 | 18-APR-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMF | RB06 | TY03 | 19-APR-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMF | RB07 | TY03 | 20-APR-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMF | RB08 | TY03 | 21-APR-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMF | RB09 | TY03 | 21-APR-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMF | RB10 | TY03 | 22-APR-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMF | RB11 | TY03 | 28-APR-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMH | RB18 | TY03 | 27-JUL-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMI | RB19 | TY03 | 10-AUG-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMI | RB20 | TY03 | 09-AUG-94 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMK | FB3195 | TY03 | 01-MAR-95 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMK | FB3295 | TY03 | 02-MAR-95 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IMK | FB3395 | TY03 | 03-MAR-95 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IML | RB41795 | TY03 | 17-APR-95 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IML | RB41895 | TY03 | 18-APR-95 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IML | RB42195 | TY03 | 21-APR-95 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | IML | RB42495 | TY03 | 24-APR-95 | Cyanide (as free Cyanide) | LT | 8.17 | UGL | | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 2-Butanone | ND | 10 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Acetone | ND | 10 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Benzene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Bromoform | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Bromomethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | C13DCP | ND | 10 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | | ND | 5 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|------|------------------------|------------|
| WB | ING | RB05 | UM05 | 18-APR-94 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Chloroethane | ND | 10 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Chloroethene | ND | 10 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Chloroform | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Chloromethane | ND | 10 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Methylene chloride | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Styrene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | T13DCP | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Toluene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Trichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB05 | UM05 | 18-APR-94 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 1,1-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 2-Butanone | ND | 10 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Acetone | ND | 12 | UGL | S | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Benzene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Bromoform | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Bromomethane | ND | 10 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | C13DCP | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Chloroethane | ND | 10 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Chloroethene | ND | 10 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Chloroform | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Chloromethane | ND | 10 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Methyl isobutyl ketone | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|--------------|------------------------|------------|
| WB | ING | RB06 | UM05 | 19-APR-94 | Methylene chloride | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Styrene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | T13DCP | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Toluene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Trichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB06 | UM05 | 19-APR-94 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | 1,1-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | 2-Butanone | ND | 10 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Acetone | ND | 10 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Benzene | ND | 10 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Bromoform | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Bromomethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | C13DCP | ND | 10 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Chloroethane | ND | 10 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Chloroform | ND | 10 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Chloromethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Methylene chloride | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Styrene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | T13DCP | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Toluene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Trichloroethene | ND | 5 | UGL | R | |
| WB | ING | RB07 | UM05 | 20-APR-94 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|--------------|------------------------|------------|
| WB | ING | TB11 | UM05 | 18-APR-94 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | 2-Butanone | ND | 10 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Acetone | ND | 11 | UGL | S | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Benzene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Bromoform | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Bromomethane | ND | 10 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | CI3DCP | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Chloroethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Chloroethene | ND | 10 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Chloroform | ND | 10 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Chloromethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Methylene chloride | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Styrene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | T13DCP | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Toluene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Trichloroethene | ND | 5 | UGL | R | |
| WB | ING | TB11 | UM05 | 18-APR-94 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 1,1,1-Trichloroethane | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 1,1,2-Trichloroethane | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 1,1-Dichloroethane | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 1,1-Dichloroethene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 1,2-Dichloroethane | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 1,2-Dichloropropane | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 2-Butanone | ND | 10 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | 2-Hexanone | ND | 10 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Acetone | ND | 10 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Benzene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Bromodichloromethane | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Bromoform | ND | 5 | UGL | RV | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|--------------|------------------------|------------|
| WB | INH | AB11 | UM05 | 22-JUL-94 | Bromomethane | ND | 10 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | C13DCP | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Carbon disulfide | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Carbon tetrachloride | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Chlorobenzene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Chloroethane | ND | 10 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Chloroethane | ND | 10 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Chloroform | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Chloromethane | ND | 10 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | cis-1,2-Dichloroethene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Dibromochloromethane | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Ethylbenzene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Methyl isobutyl ketone | ND | 10 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Methylene chloride | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Styrene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | T13DCP | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Tetrachloroethene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Toluene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | trans-1,2-Dichloroethene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Trichloroethene | ND | 5 | UGL | RV | |
| WB | INH | AB11 | UM05 | 22-JUL-94 | Xylenes (total) | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | 1,1,1-Trichloroethane | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | 1,1,2-Trichloroethane | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | 1,1-Dichloroethane | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | 1,1-Dichloroethane | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | 1,2-Dichloroethane | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | 2-Butanone | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | 2-Hexanone | ND | 10 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Acetone | ND | 12 | UGL | SV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Benzene | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Bromodichloromethane | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Bromoform | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Bromomethane | ND | 10 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | C13DCP | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Carbon disulfide | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Carbon tetrachloride | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Chlorobenzene | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Chloroethane | ND | 10 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Chloroethane | ND | 10 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Chloroform | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Chloromethane | ND | 10 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | cis-1,2-Dichloroethene | ND | 10 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Dibromochloromethane | ND | 5 | UGL | RV | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA | |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|------|---------------|------------|
| | | | | | | | | | MEAS CODES | QUALIFIERS |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Ethylbenzene | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Methyl isobutyl ketone | ND | 10 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Methylene chloride | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Styrene | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | T13DCP | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Tetrachloroethene | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Toluene | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | trans-1,2-Dichloroethene | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Trichloroethene | ND | 5 | UGL | RV | |
| WB | INH | RB18 | UM05 | 22-JUL-94 | Xylenes (total) | ND | 5 | UGL | RV | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 1,1-Dichloroethene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 2-Butanone | ND | 10 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Acetone | ND | 10 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Benzene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Bromoform | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Bromomethane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | C13DCP | ND | 10 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Chloroethane | ND | 10 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Chloroethene | ND | 10 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Chloroform | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Chloromethane | ND | 10 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Methylene chloride | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Styrene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | T13DCP | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Toluene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Trichloroethene | ND | 5 | UGL | R | |
| WB | INI | RB20 | UM05 | 09-AUG-94 | Xylenes (total) | ND | 5 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|--------------|------------------------|------------|
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 1,1-Dichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 1,2-Dichloroethane | ND | 5.3 | UGL | S | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 2-Butanone | ND | 10 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Acetone | ND | 10 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Benzene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Bromoform | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Bromomethane | ND | 10 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | C13DCP | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Chloroethane | ND | 10 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Chloroethene | ND | 10 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Chloroform | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Chloromethane | ND | 10 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Methylene chloride | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Styrene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | T13DCP | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Toluene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Trichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3195 | UM05 | 01-MAR-95 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 1,1-Dichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 2-Butanone | ND | 10 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Acetone | ND | 10 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Benzene | ND | 5 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|------|------------------------|------------|
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Bromoform | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Bromomethane | ND | 10 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | C13DCP | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Chloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Chloroform | ND | 10 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Chloromethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | cis-1,2-Dichloroethene | ND | 10 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Methylene chloride | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Styrene | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | T13DCP | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Toluene | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Trichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3295 | UM05 | 02-MAR-95 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 1,1-Dichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 1,2-Dichloropropane | ND | 7.8 | UGL | S | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 2-Butanone | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Acetone | ND | 10 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Benzene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Bromoform | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Bromomethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | C13DCP | ND | 10 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Chloroethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Chloroethene | ND | 10 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Chloroform | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Chloromethane | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL. | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|---------------|--------|--------------|------------------------|------------|
| WB | INM | FB3395 | UM05 | 03-MAR-95 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Methylene chloride | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Styrene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | T13DCP | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Toluene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Trichloroethene | ND | 5 | UGL | R | |
| WB | INM | FB3395 | UM05 | 03-MAR-95 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 1,1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 1,1-Dichloroethene | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 2-Butanone | ND | 10 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Acetone | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Benzene | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Bromomethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Bromochloromethane | ND | 10 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | C13DCP | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Chloroethane | ND | 10 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Chloroform | ND | 10 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Chloromethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | cis-1,2-Dichloroethene | ND | 10 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Methylene chloride | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Styrene | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | T13DCP | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Toluene | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL. | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|---------------|--------|--------------|------------------------|------------|
| WB | INO | RB41795 | UM05 | 17-APR-95 | Trichloroethene | ND | 5 | UGL | R | |
| WB | INO | RB41795 | UM05 | 17-APR-95 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 2-Butanone | ND | 10 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Acetone | ND | 10 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Benzene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Bromoform | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Bromomethane | ND | 10 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Chloroethane | ND | 10 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Chloroform | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Chloromethane | ND | 10 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Methylene chloride | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Styrene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | T13DCP | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Toluene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Trichloroethene | ND | 5 | UGL | R | |
| WB | INO | RB41895 | UM05 | 18-APR-95 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | 2-Butanone | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING CODES | DATA QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---------------------------|--------------|--------|--------------|-------------------|--------------------|
| WB | INP | RB42195 | UM05 | 21-APR-95 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Acetone | ND | 10 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Benzene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Bromoform | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Bromomethane | ND | 10 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | C13DCP | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Chloroethane | ND | 10 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Chloroethene | ND | 10 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Chloroform | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Chloromethane | ND | 10 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Methylene chloride | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Styrene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | T13DCP | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Toluene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Trichloroethene | ND | 5 | UGL | R | |
| WB | INP | RB42195 | UM05 | 21-APR-95 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | 1,1,1-Trichloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | 1,1,2,2-Tetrachloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | 1,1,2-Trichloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | 1,1-Dichloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | 1,2-Dichloroethane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | 1,2-Dichloropropane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | 2-Butanone | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | 2-Hexanone | ND | 10 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Acetone | ND | 10 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Benzene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Bromodichloromethane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Bromoform | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Bromomethane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | C13DCP | ND | 10 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Carbon disulfide | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Carbon tetrachloride | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Chlorobenzene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Chloroethane | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA | |
|--------------|---------------|--------------------|--------|----------------|----------------------------|--------------|--------|------|---------------|------------|
| | | | | | | | | | CODES | QUALIFIERS |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Chloroethene | ND | 10 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Chloroform | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Chloromethane | ND | 10 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | cis-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Dibromochloromethane | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Ethylbenzene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Methyl isobutyl ketone | ND | 10 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Methylene chloride | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Styrene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | T13DCP | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Tetrachloroethene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Toluene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | trans-1,2-Dichloroethene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Trichloroethene | ND | 5 | UGL | R | |
| WB | INP | RB42495 | UM05 | 24-APR-95 | Xylenes (total) | ND | 5 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 1,2-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 1,3-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 1,4-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2,4-Dichlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2,4-Dimethylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2,4-Dinitrophenol | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2,4-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2,6-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2-Chlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2-Methylnaphthalene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2-Methylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 2-Nitrophenol | ND | 20 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 3,3'-Dichlorobenzidine | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 3-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 4-Chloro-3-cresol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 4-Chloroaniline | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 4-Methylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 4-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | 4-Nitrophenol | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Acenaphthene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Acenaphthylene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Anthracene | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | IOC | RB05 | UM06 | 18-APR-94 | B2CIPE | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Benzo(a)anthracene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Benzo(a)pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Benzo(g,h,i)perylene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Benzo(k)fluoranthene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Benzoic acid | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Benzopyrene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Benzyl Alcohol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | beta-Chloronaphthalene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Chrysene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Fluorene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Fluorene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Isophorone | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Naphthalene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Pentachlorophenol | ND | 50 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Phenanthrene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Phenol | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | Pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | UNK615 | ND | 7 | UGL | SB | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | UNK633 | ND | 4 | UGL | SB | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | UNK635 | ND | 4 | UGL | SB | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | UNK638 | ND | 4 | UGL | S | |
| WB | IOC | RB05 | UM06 | 18-APR-94 | UNK639 | ND | 8 | UGL | SB | |
| WB | IOC | RB05 | UM06 | 19-APR-94 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 1,2-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 1,3-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 1,4-Dichlorobenzene | ND | 10 | UGL | R | |

Results for Field Blanks

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|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|---------------|------------|
| | | | | | | | | | CODES | QUALIFIERS |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2,4-Dichlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2,4-Dimethylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2,4-Dinitrophenol | ND | 50 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2,4-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2,6-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2-Chlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2-Methylnaphthalene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2-Methylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 2-Nitrophenol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 3-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 4-Chloro-3-cresol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 4-Chloroaniline | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 4-Methylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | 4-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Acenaphthene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Acenaphthylene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Anthracene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | B2CIPE | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Benzo(a)anthracene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Benzo(a)pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Benzo(g,h,i)perylene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Benzo(k)fluoranthene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Benzoic acid | ND | 50 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Benzopyrene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Benzyl Alcohol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | beta-Chloronaphthalene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Bis(2-chloroethoxy) ether | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Chrysene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Dimethyl phthalate | ND | 10 | UGL | R | |

Results for Field Blanks

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| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL. | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|----------------------------|---------------|--------|--------------|------------------------|------------|
| WB | IOC | RB06 | UM06 | 19-APR-94 | Fluoranthene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Fluorene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Isophorone | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Naphthalene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Pentachlorophenol | ND | 50 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Phenanthrene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Phenol | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | Pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB06 | UM06 | 19-APR-94 | UNK639 | ND | 8 | UGL | SB | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 1,2-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 1,3-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 1,4-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2,4-Dichlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2,4-Dimethylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2,4-Dinitrophenol | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2,4-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2-Chlorophenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2-Methyl-4,6-dinitrophenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2-Methylnaphthalene | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2-Methylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 2-Nitrophenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 3-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 4-Chloro-3-cresol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 4-Chloroaniline | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 4-Methylphenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 4-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | 4-Nitrophenol | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Acenaphthene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Acenaphthylene | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | IOC | RB07 | UM06 | 20-APR-94 | Anthracene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | B2C1PE | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Benzo(a)anthracene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Benzo(a)pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Benzo(g,h,i)perylene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Benzo(k)fluoranthene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Benzoic acid | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Benzopyrene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Benzyl Alcohol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | beta-Chloronaphthalene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Chrysene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Fluoranthene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Fluorene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Isophorone | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Naphthalene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Pentachlorophenol | ND | 50 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Phenanthrene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Phenol | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | Pyrene | ND | 10 | UGL | R | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | UNK542 | ND | 20 | UGL | S | |
| WB | IOC | RB07 | UM06 | 20-APR-94 | UNK560 | ND | 4 | UGL | S | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 1,2-Dichlorobenzene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 1,3-Dichlorobenzene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 1,4-Dichlorobenzene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2,4,5-Trichlorophenol | ND | 50 | UGL | RV | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING CODES | DATA QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|-------------------|--------------------|
| | | | | | | | | | | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2,4,6-Trichlorophenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2,4-Dichlorophenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2,4-Dimethylphenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2,4-Dinitrophenol | ND | 50 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2,4-Dinitrotoluene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2,6-Dinitrotoluene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2-Chlorophenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2-Methylnaphthalene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2-Methylphenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2-Nitroaniline | ND | 50 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 2-Nitrophenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 3,3'-Dichlorobenzidine | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 3-Nitroaniline | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 4-Bromophenyl phenyl ether | ND | 50 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 4-Chloro-3-cresol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 4-Chloroaniline | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 4-Methylphenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 4-Nitroaniline | ND | 50 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | 4-Nitrophenol | ND | 50 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Acenaphthene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Acenaphthylene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Anthracene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | B2CIPE | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Benzo(a)anthracene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Benzo(a)pyrene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Benzo(g,h,i)perylene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Benzo(k)fluoranthene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Benzoic acid | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Benzopyrene | ND | 50 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Benzyl Alcohol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | beta-Chloronaphthalene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Bis(2-chloroethyl)ether | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Butyl benzyl phthalate | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Chrysene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Di-n-butyl phthalate | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Di-n-octyl phthalate | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Dibenz(a,h)anthracene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Dibenzofuran | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Diethyl phthalate | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Dimethyl phthalate | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Fluoranthene | ND | 10 | UGL | RV | |

Results for Field Blanks

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|--------------|---------------|--------------------|--------|----------------|----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Fluorene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Hexachlorobenzene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Hexachlorobutadiene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Hexachlorocyclopentadiene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Hexachloroethane | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Isophorone | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | N-Nitrosodiphenylamine | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Naphthalene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Nitrobenzene | ND | 50 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Pentachlorophenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Phenanthrene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Phenol | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | Pyrene | ND | 10 | UGL | RV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | UNK517 | | 90 | UGL | BV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | UNK520 | | 20 | UGL | V | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | UNK526 | | 6 | UGL | BV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | UNK535 | | 5 | UGL | V | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | UNK538 | | 5 | UGL | BV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | UNK571 | | 6 | UGL | BV | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | UNK585 | | 8 | UGL | V | |
| WB | IOD | RB18 | UM06 | 22-JUL-94 | UNK588 | | 5 | UGL | BV | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 1,2-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 1,3-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 1,4-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2,4-Dichlorophenol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2,4-Dimethylphenol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2,4-Dinitrophenol | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2,4-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2,6-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2-Chlorophenol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2-Methylnaphthalene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2-Methylphenol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 2-Nitrophenol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 3-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 4-Chloro-3-cresol | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING CODES | DATA QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|-------------------|--------------------|
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 4-Chloroaniline | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 4-Methylphenol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 4-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | 4-Nitrophenol | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Acenaphthene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Acenaphthylene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Anthracene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | B2CIPE | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Benzo(a)anthracene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Benzo(a)pyrene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Benzo(g,h,i)perylene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Benzo(k)fluoranthene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Benzoic acid | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Benzopyrene | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Benzyl Alcohol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Beta-Chloronaphthalene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Bis(2-chloroethyl) ether | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Chrysene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Fluoranthene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Fluorene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Isophorone | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Naphthalene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Pentachlorophenol | ND | 50 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Phenanthrene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Phenol | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | Pyrene | ND | 10 | UGL | R | |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | UNK516 | ND | 6 | UGL | SB | |

Results for Field Blanks

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| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | FLAGGING DATA | |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|---------------|-------|
| | | | | | | | | UNIT | CODES |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | UNK516 | | 5 | UGL | SBD |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | UNK516 | | 9 | UGL | SBD |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | UNK517 | | 90 | UGL | S |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | UNK518 | | 40 | UGL | SB |
| WB | IOE | RB20 | UM06 | 09-AUG-94 | UNK521 | | 10 | UGL | S |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 1,2-Dichlorobenzene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 1,3-Dichlorobenzene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 1,4-Dichlorobenzene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2,4,5-Trichlorophenol | ND | 50 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2,4-Dichlorophenol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2,4-Dimethylphenol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2,4-Dinitrophenol | ND | 50 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2,4-Dinitrotoluene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2,6-Dinitrotoluene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2-Chlorophenol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2-Methylnaphthalene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2-Methylphenol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2-Nitroaniline | ND | 50 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 2-Nitrophenol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 3-Nitroaniline | ND | 50 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 4-Chloro-3-cresol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 4-Chloroaniline | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 4-Methylphenol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 4-Nitroaniline | ND | 50 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | 4-Nitrophenol | ND | 50 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Acenaphthene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Acenaphthylene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Anthracene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | B2CIPE | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Benzo(a)anthracene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Benzo(a)pyrene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Benzo(g,h,i)perylene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Benzo(k)fluoranthene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Benzoic acid | ND | 50 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Benzopyrene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Benzyl Alcohol | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | beta-Chloronaphthalene | ND | 10 | UGL | R |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Chrysene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Fluoranthene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Fluorene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Isophorone | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Naphthalene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Pentachlorophenol | ND | 50 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Phenanthrene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Phenol | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | Pyrene | ND | 10 | UGL | R | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | UNK526 | ND | 30 | UGL | SB | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | UNK529 | | 2 | UGL | S | |
| WB | IOF | RB19 | UM06 | 10-AUG-94 | UNK534 | | 6 | UGL | SB | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 1,2-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 1,3-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 1,4-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2,4-Dichlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2,4-Dimethylphenol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2,4-Dinitrophenol | ND | 50 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2,4-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2,6-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2-Chlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2-Methyl-4,6-dinitrophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2-Methylnaphthalene | ND | 50 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2-Methylphenol | ND | 10 | UGL | R | |

Results for Field Blanks

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| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 2-Nitrophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 3-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 4-Chloro-3-cresol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 4-Chloroaniline | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 4-Methylphenol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | 4-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Acenaphthene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Acenaphthylene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | B2CIPE | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Benzo(a)anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Benzo(a)pyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Benzo(g,h,i)perylene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Benzo(k)fluoranthene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Benzoic acid | ND | 50 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Benzopyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Benzyl Alcohol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | beta-Chloronaphthalene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Bis(2-ethoxyethyl)ether | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Chrysene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Fluoranthene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Fluorene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Isophorone | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Naphthalene | ND | 10 | UGL | R | |

Results for Field Blanks

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| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA | |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|---------------|------------|
| | | | | | | | | | CODES | QUALIFIERS |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Pentachlorophenol | ND | 50 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Phenanthrene | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Phenol | ND | 10 | UGL | R | |
| WB | IOK | FB3195 | UM06 | 01-MAR-95 | Pyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 1,2-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 1,3-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 1,4-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2,4,5-Trichlorophenol | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2,4-Dichlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2,4-Dimethylphenol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2,4-Dinitrophenol | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2,4-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2,6-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2-Chlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2-Methyl-4,6-dinitrophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2-Methylnaphthalene | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2-Methylphenol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2-Nitroaniline | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 2-Nitrophenol | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 3-Nitroaniline | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 4-Chloro-3-cresol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 4-Chloroaniline | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 4-Methylphenol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 4-Nitroaniline | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | 4-Nitrophenol | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Acenaphthene | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Acenaphthylene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | B2CIPE | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Benzo(a)anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Benzo(a)pyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Benzo(g,h,i)perylene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Benzo(k)fluoranthene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Benzoic acid | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Benzopyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Benzyl Alcohol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | beta-Chloronaphthalene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Bis(2-chloroethyl)ether | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Chrysene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Fluoranthene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Fluorene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Isophorone | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Naphthalene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Pentachlorophenol | ND | 60 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Phenanthrene | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Phenol | ND | 10 | UGL | R | |
| WB | IOK | FB3295 | UM06 | 02-MAR-95 | Pyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 1,2-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 1,3-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 1,4-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2,4,5-Trichlorophenol | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2,4-Dichlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2,4-Dimethylphenol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2,4-Dinitrophenol | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2,6-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2-Chlorophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2-Methyl-4,6-dinitrophenol | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2-Methylnaphthalene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2-Methylphenol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 2-Nitrophenol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 3,3'-Dichlorobenzidine | ND | 20 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 3-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 4-Chloro-3-cresol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 4-Chloroaniline | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 4-Methylphenol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 4-Nitroaniline | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | 4-Nitrophenol | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Acenaphthene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Acenaphthylene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | B2CIPE | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Benzo(a)anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Benzo(a)pyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Benzo(g,h,i)perylene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Benzo(k)fluoranthene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Benzoic acid | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Benzopyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Benzyl Alcohol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | beta-Chloronaphthalene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Bis(2-chloroethyl) ether | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Chrysene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Fluoranthene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Fluorene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Isophorone | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Naphthalene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Pentachlorophenol | ND | 50 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Phenanthrene | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Phenol | ND | 10 | UGL | R | |
| WB | IOK | FB3395 | UM06 | 03-MAR-95 | Pyrene | ND | 10 | UGL | R | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | FLAGGING DATA | |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|---------------|---------------------|
| | | | | | | | UNIT MEAS | CODES QUALIFIERS |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 1,2,4-Trichlorobenzene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 1,2-Dichlorobenzene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 1,3-Dichlorobenzene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 1,4-Dichlorobenzene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2,4,5-Trichlorophenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2,4,6-Trichlorophenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2,4-Dichlorophenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2,4-Dimethylphenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2,4-Dinitrophenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2,4-Dinitrotoluene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2,6-Dinitrotoluene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2-Chlorophenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2-Methyl-4,6-dinitrophenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2-Methylnaphthalene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2-Methylphenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2-Nitroaniline | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 2-Nitrophenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 3,3'-Dichlorobenzidine | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 3-Nitroaniline | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 4-Bromophenyl phenyl ether | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 4-Chloro-3-cresol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 4-Chloroaniline | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 4-Chlorophenylphenyl Ether | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 4-Methylphenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 4-Nitroaniline | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | 4-Nitrophenol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Acenaphthene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Acenaphthylene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Anthracene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | B2CIPE | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Benzo(a)anthracene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Benzo(a)pyrene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Benzo(g,h,i)perylene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Benzo(k)fluoranthene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Benzoic acid | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Benzopyrene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Benzyl Alcohol | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | beta-Chloronaphthalene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Bis(2-chloroethoxy) methane | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Bis(2-chloroethoxy) ether | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Bis(2-ethylhexyl)phthalate | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Butyl benzyl phthalate | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Chrysene | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Di-n-butyl phthalate | ND | UGL | R |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Di-n-octyl phthalate | ND | UGL | R |

Results for Field Blanks

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|--------------|---------------|--------------------|--------|----------------|----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | ION | RB42195 | UM06 | 21-APR-95 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Fluoranthene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Fluorene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Isophorone | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Naphthalene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Pentachlorophenol | ND | 50 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Phenanthrene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Phenol | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | Pyrene | ND | 10 | UGL | R | |
| WB | ION | RB42195 | UM06 | 21-APR-95 | UNKS586 | ND | 5 | UGL | S | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 1,2,4-Trichlorobenzene | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 1,2-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 1,3-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 1,4-Dichlorobenzene | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2,4,5-Trichlorophenol | ND | 60 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2,4,6-Trichlorophenol | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2,4-Dichlorophenol | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2,4-Dimethylphenol | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2,4-Dinitrophenol | ND | 60 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2,4-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2,6-Dinitrotoluene | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2-Chlorophenol | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2-Methyl-4,6-dinitrophenol | ND | 60 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2-Methylnaphthalene | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2-Methylphenol | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2-Nitroaniline | ND | 60 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 2-Nitrophenol | ND | 20 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 3,3'-Dichlorobenzidine | ND | 60 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 3-Nitroaniline | ND | 60 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 4-Bromophenyl phenyl ether | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 4-Chloro-3-cresol | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 4-Chloroaniline | ND | 10 | UGL | R | |
| WB | IOO | RB42495 | UM06 | 24-APR-95 | 4-Chlorophenylphenyl Ether | ND | 10 | UGL | R | |

Results for Field Blanks

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| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIER |
|--------------|---------------|--------------------|--------|----------------|-----------------------------|--------------|--------|--------------|------------------------|-----------|
| WB | 100 | RB42495 | UM06 | 24-APR-95 | 4-Methylphenol | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | 4-Nitroaniline | ND | 60 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | 4-Nitrophenol | ND | 60 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Acenaphthene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Acenaphthylene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Anthracene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | B2CIPE | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Benzo(a)anthracene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Benzo(a)pyrene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Benzo(g,h,i)perylene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Benzo(k)fluoranthene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Benzoic acid | ND | 60 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Benzopyrene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Benzyl Alcohol | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | beta-Chloronaphthalene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Bis(2-chloroethoxy) methane | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Bis(2-chloroethyl) ether | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Bis(2-ethylhexyl)phthalate | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Butyl benzyl phthalate | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Chrysene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Di-n-butyl phthalate | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Di-n-octyl phthalate | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Dibenz(a,h)anthracene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Dibenzofuran | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Diethyl phthalate | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Dimethyl phthalate | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Fluoranthene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Fluorene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Hexachlorobenzene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Hexachlorobutadiene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Hexachlorocyclopentadiene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Hexachloroethane | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Indeno(1,2,3-c,d)pyrene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Isophorone | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | N-Nitrosodi-n-propylamine | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | N-Nitrosodiphenylamine | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Naphthalene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Nitrobenzene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Pentachlorophenol | ND | 60 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Phenanthrene | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Phenol | ND | 10 | UGL | R | |
| WB | 100 | RB42495 | UM06 | 24-APR-95 | Pyrene | ND | 10 | UGL | R | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Aluminum | LT | 107 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Antimony | LT | 37.1 | UGL | | |

Results for Field Blanks

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|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|--------------|------------------------|------------|
| WB | IQH | RB05 | SS15 | 18-APR-94 | Barium | LT | 26.2 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Cadmium | LT | 5 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Calcium | | 1240 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Copper | LT | 20 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Iron | LT | 120 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Lead | LT | 100 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Selenium | LT | 75 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Silver | ND | 13 | UGL | T | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Sodium | LT | 500 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Thallium | LT | 100 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQH | RB05 | SS15 | 18-APR-94 | Zinc | LT | 156 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Aluminum | | 3420 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Antimony | LT | 37.1 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Barium | | 23.2 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Cadmium | LT | 5 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Calcium | | 1730 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Copper | LT | 20 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Iron | LT | 120 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Lead | LT | 100 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Selenium | LT | 75 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Silver | ND | 13 | UGL | T | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Sodium | LT | 500 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Thallium | LT | 100 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQH | RB06 | SS15 | 19-APR-94 | Zinc | | 219 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Aluminum | LT | 107 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Antimony | LT | 37.1 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Barium | LT | 20 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|------|------------------------|------------|
| WB | IQH | RB07 | SS15 | 20-APR-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Cadmium | LT | 5 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Calcium | | 1290 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Copper | LT | 20 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Iron | LT | 120 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Lead | LT | 100 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Selenium | LT | 75 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Silver | ND | 13 | UGL | T | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Sodium | LT | 500 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Thallium | LT | 100 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQH | RB07 | SS15 | 20-APR-94 | Zinc | LT | 161 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Aluminum | LT | 107 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Antimony | LT | 37.1 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Barium | LT | 30.2 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Cadmium | LT | 5 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Calcium | | 1970 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Copper | LT | 20 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Iron | LT | 120 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Lead | LT | 100 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Selenium | LT | 75 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Silver | ND | 13 | UGL | T | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Sodium | LT | 500 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Thallium | LT | 100 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQH | RB08 | SS15 | 21-APR-94 | Zinc | LT | 244 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Aluminum | LT | 107 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Antimony | LT | 107 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Antimony | LT | 37.1 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Antimony | LT | 37.1 | UGL | D | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|--------------|------------------------|------------|
| WB | IQH | RB09 | SS15 | 21-APR-94 | Barium | LT | 20 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Barium | LT | 20 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Beryllium | LT | 2.5 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Cadmium | LT | 5 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Cadmium | LT | 5 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Calcium | | 1760 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Calcium | | 1740 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Chromium (Total) | LT | 15 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Cobalt | LT | 25 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Copper | LT | 20 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Copper | LT | 20 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Iron | LT | 120 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Iron | LT | 120 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Lead | LT | 100 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Lead | LT | 100 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Magnesium | LT | 500 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Manganese | LT | 5.11 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Molybdenum | LT | 30.9 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Nickel | LT | 63.1 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Potassium | LT | 1250 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Selenium | LT | 75 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Selenium | LT | 75 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Silver | LT | 13 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Silver | ND | 13 | UGL | T | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Sodium | ND | 13 | UGL | DT | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Sodium | LT | 500 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Sodium | LT | 500 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Thallium | LT | 100 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Thallium | LT | 100 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Vanadium | LT | 20 | UGL | D | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Zinc | LT | 219 | UGL | | |
| WB | IQH | RB09 | SS15 | 21-APR-94 | Zinc | LT | 219 | UGL | D | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Aluminum | | 211 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Antimony | LT | 107 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Antimony | LT | 37.1 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Barium | LT | 20 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Beryllium | LT | 2.5 | UGL | D | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Cadmium | LT | 5 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA MEAS CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|------|-----------------------------|------------|
| WB | IQH | RB10 | SS15 | 22-APR-94 | Calcium | LT | 2660 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Copper | LT | 20 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Iron | LT | 120 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Lead | LT | 100 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Selenium | LT | 75 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Silver | ND | 13 | UGL | T | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Sodium | LT | 500 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Thallium | LT | 100 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQH | RB10 | SS15 | 22-APR-94 | Zinc | LT | 323 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Aluminum | LT | 107 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Antimony | LT | 37.1 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Barium | LT | 21.2 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Cadmium | LT | 5 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Calcium | LT | 2840 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Copper | LT | 20 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Iron | LT | 120 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Lead | LT | 100 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Selenium | LT | 75 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Silver | ND | 13 | UGL | T | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Sodium | LT | 500 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Thallium | LT | 100 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQI | RB11 | SS15 | 28-APR-94 | Zinc | LT | 374 | UGL | | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Aluminum | LT | 107 | UGL | | V |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Antimony | LT | 37.1 | UGL | | V |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Arsenic | LT | 62.9 | UGL | | V |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Barium | LT | 20 | UGL | | V |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|--------------|------------------------|------------|
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Beryllium | LT | 2.5 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Cadmium | LT | 5 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Calcium | LT | 500 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Chromium (Total) | LT | 15 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Cobalt | LT | 25 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Copper | LT | 20 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Iron | LT | 120 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Lead | LT | 100 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Magnesium | LT | 500 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Manganese | LT | 5.11 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Molybdenum | LT | 30.9 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Nickel | LT | 63.1 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Potassium | LT | 1250 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Selenium | LT | 75 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Silver | ND | 13 | UGL | TV | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Sodium | LT | 500 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Thallium | LT | 100 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Vanadium | LT | 20 | UGL | V | |
| WB | IQM | RB18 | SS15 | 22-JUL-94 | Zinc | LT | 13 | UGL | V | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Aluminum | LT | 107 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Antimony | LT | 37.1 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Barium | | 28.2 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Cadmium | LT | 5 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Calcium | LT | 500 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Copper | LT | 20 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Iron | LT | 120 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Lead | LT | 100 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Selenium | LT | 75 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Silver | ND | 13 | UGL | T | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Sodium | LT | 500 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Thallium | LT | 100 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQN | RB19 | SS15 | 10-AUG-94 | Zinc | LT | 13 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Aluminum | LT | 107 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Antimony | LT | 37.1 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Barium | | 26.2 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA | |
|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|--------------|---------------|------------|
| | | | | | | | | | CODES | QUALIFIERS |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Cadmium | LT | 5 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Calcium | LT | 500 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Cobalt | LT | 25 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Copper | LT | 20 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Iron | LT | 120 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Lead | LT | 100 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Magnesium | LT | 500 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Manganese | LT | 5.11 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Nickel | LT | 63.1 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Potassium | LT | 1250 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Selenium | LT | 75 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Silver | ND | 13 | UGL | T | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Sodium | LT | 500 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Thallium | LT | 100 | UGL | | J |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Vanadium | LT | 20 | UGL | | |
| WB | IQN | RB20 | SS15 | 09-AUG-94 | Zinc | LT | 13.2 | UGL | B | |
| | | | | | | | | | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Aluminum | LT | 107 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Antimony | LT | 37.1 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Arsenic | LT | 62.9 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Barium | | 27.2 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Cadmium | LT | 5 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Calcium | LT | 500 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Cobalt | LT | 25 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Copper | LT | 20 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Iron | LT | 152 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Lead | LT | 100 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Magnesium | LT | 500 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Manganese | LT | 5.11 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Nickel | LT | 63.1 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Potassium | LT | 1250 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Selenium | LT | 75 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Silver | LT | 12.5 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Sodium | LT | 500 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Thallium | LT | 100 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Vanadium | LT | 20 | UGL | | |
| WB | IQY | FB3195 | SS15 | 01-MAR-95 | Zinc | LT | 18.3 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Aluminum | LT | 107 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Antimony | LT | 37.1 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|--------------|------------------------|------------|
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Arsenic | LT | 62.9 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Barium | | 30.2 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Beryllium | LT | 2.5 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Cadmium | LT | 5 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Calcium | LT | 500 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Cobalt | LT | 25 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Copper | LT | 20 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Iron | LT | 120 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Lead | LT | 100 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Magnesium | LT | 500 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Manganese | LT | 5.11 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Nickel | LT | 1250 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Potassium | LT | 75 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Selenium | LT | 12.5 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Silver | LT | 500 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Sodium | LT | 100 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Thallium | LT | 20 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Vanadium | LT | 21.4 | UGL | | |
| WB | IQY | FB3295 | SS15 | 02-MAR-95 | Zinc | LT | 107 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Aluminum | LT | 37.1 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Antimony | LT | 62.9 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Arsenic | LT | 48.4 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Barium | | 2.5 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Beryllium | LT | 5 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Cadmium | LT | 500 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Calcium | LT | 15 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Chromium (Total) | LT | 25 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Cobalt | LT | 20 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Copper | LT | 184 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Iron | | 100 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Lead | LT | 500 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Magnesium | LT | 5.11 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Manganese | LT | 30.9 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Molybdenum | LT | 63.1 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Nickel | LT | 1250 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Potassium | LT | 75 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Selenium | LT | 12.5 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Silver | LT | 659 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Sodium | | 100 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Thallium | LT | 20 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Vanadium | LT | 32.6 | UGL | | |
| WB | IQY | FB3395 | SS15 | 03-MAR-95 | Zinc | | | | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|------|------------------------|------------|
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Aluminum | LT | 107 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Antimony | LT | 37.1 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Arsenic | LT | 62.9 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Barium | LT | 20 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Beryllium | LT | 2.5 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Cadmium | LT | 5 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Calcium | LT | 500 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Cobalt | LT | 25 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Copper | LT | 20 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Iron | LT | 120 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Lead | LT | 100 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Magnesium | LT | 500 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Manganese | LT | 5.11 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Nickel | LT | 63.1 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Potassium | LT | 1250 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Selenium | LT | 75 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Silver | LT | 12.5 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Sodium | LT | 500 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Thallium | LT | 100 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Vanadium | LT | 20 | UGL | | |
| WB | IRA | RB41795 | SS15 | 17-APR-95 | Zinc | LT | 21.4 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Aluminum | LT | 107 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Antimony | LT | 37.1 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Arsenic | LT | 62.9 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Barium | LT | 20 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Beryllium | LT | 2.5 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Cadmium | LT | 5 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Calcium | LT | 500 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Cobalt | LT | 25 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Copper | LT | 20 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Iron | LT | 120 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Lead | LT | 100 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Magnesium | LT | 500 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Manganese | LT | 5.11 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Nickel | LT | 63.1 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Potassium | LT | 1250 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Selenium | LT | 75 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Silver | LT | 12.5 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Sodium | LT | 766 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Thallium | LT | 100 | UGL | | |
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Vanadium | LT | 20 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|------------------|--------------|--------|--------------|------------------------|------------|
| WB | IRA | RB41895 | SS15 | 18-APR-95 | Zinc | | 14.2 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Aluminum | LT | 107 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Antimony | LT | 37.1 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Arsenic | LT | 62.9 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Barium | LT | 20 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Beryllium | LT | 2.5 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Cadmium | LT | 5 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Calcium | LT | 500 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Cobalt | LT | 25 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Copper | LT | 20 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Iron | LT | 120 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Lead | LT | 100 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Magnesium | LT | 500 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Manganese | LT | 5.11 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Nickel | LT | 63.1 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Potassium | LT | 1250 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Selenium | LT | 75 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Silver | LT | 12.5 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Sodium | LT | 500 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Thallium | LT | 100 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Vanadium | LT | 20 | UGL | | |
| WB | IRA | RB42195 | SS15 | 21-APR-95 | Zinc | LT | 13 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Aluminum | LT | 107 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Antimony | LT | 37.1 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Arsenic | LT | 62.9 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Barium | LT | 20 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Beryllium | LT | 2.5 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Cadmium | LT | 5 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Calcium | LT | 500 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Chromium (Total) | LT | 15 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Cobalt | LT | 25 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Copper | LT | 20 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Iron | LT | 120 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Lead | LT | 100 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Magnesium | LT | 500 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Manganese | LT | 5.11 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Molybdenum | LT | 30.9 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Nickel | LT | 63.1 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Potassium | LT | 1250 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Selenium | LT | 75 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Silver | LT | 12.5 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Sodium | LT | 500 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|------------------------|------------|
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Thallium | LT | 100 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Vanadium | LT | 20 | UGL | | |
| WB | IRB | RB42495 | SS15 | 24-APR-95 | Zinc | | 13.2 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .041 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .11 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .12 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0638 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Aldrin | LT | .083 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Aldrin | LT | .0638 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | alpha-Benzene hexachloride | LT | .056 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | alpha-Chlordane | LT | .026 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | beta-Benzene hexachloride | LT | .014 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | della-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | della-Benzene hexachloride | LT | .063 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | della-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Dieldrin | LT | .0321 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Dieldrin | LT | .042 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Dieldrin | LT | .0321 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Endosulfan I | LT | .00856 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Endosulfan I | LT | .011 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Endosulfan I | LT | .00856 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Endosulfan II | LT | .012 | UGL | | J |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Endosulfan II | LT | .016 | UGL | | J |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Endosulfan II | LT | .012 | UGL | | J |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Endosulfan sulfate | LT | .026 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Endrin | LT | .0372 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Endrin | LT | .0697 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Endrin | LT | .048 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Endrin | LT | .091 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Endrin | LT | .0372 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Endrin | LT | | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|------|------------------------|------------|
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Endrin | LT | .0697 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | ENDRNK | LT | .0282 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | ENDRNK | LT | .037 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | ENDRNK | LT | .0282 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | gamma-Chlordane | LT | .058 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Heptachlor | LT | .0631 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Heptachlor | LT | .082 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Heptachlor | LT | .0631 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Heptachlor epoxide | LT | .0078 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Lindane | LT | .0429 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Lindane | LT | .056 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Lindane | LT | .0429 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Methoxychlor | LT | .267 | UGL | | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Methoxychlor | LT | .35 | UGL | | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Methoxychlor | LT | .267 | UGL | | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | PCB 1016 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | PCB 1016 | ND | .13 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | PCB 1016 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | PCB 1221 | ND | .2 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | PCB 1221 | ND | .26 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | PCB 1221 | ND | .2 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | PCB 1232 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | PCB 1232 | ND | .13 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | PCB 1232 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | PCB 1242 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | PCB 1242 | ND | .13 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | PCB 1242 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | PCB 1248 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | PCB 1248 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | PCB 1248 | ND | .13 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | PCB 1254 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | PCB 1254 | ND | .13 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | PCB 1254 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | PCB 1260 | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | PCB 1260 | ND | .13 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | PCB 1260 | ND | .13 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Toxaphene | ND | .1 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 02-MAR-95 | Toxaphene | ND | .5 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 03-MAR-95 | Toxaphene | ND | .65 | UGL | T | |
| WB | JCB | VADEQ | UH21 | 01-MAR-95 | Toxaphene | ND | .5 | UGL | T | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|------------------------|------------|
| WB | JCD | RB41795 | UH21 | 17-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Aldrin | LT | .0638 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Dieldrin | LT | .0321 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Endosulfan I | LT | .00856 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Endosulfan II | LT | .012 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Endrin | LT | .0372 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Endrin | LT | .0697 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | ENDRNK | LT | .0282 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Heptachlor | LT | .0631 | UGL | | J |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Heptachlor epoxide | LT | .006 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Lindane | LT | .0429 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Methoxychlor | LT | .267 | UGL | | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | PCB 1016 | ND | .1 | UGL | T | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | PCB 1221 | ND | .2 | UGL | T | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | PCB 1232 | ND | .1 | UGL | T | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | PCB 1242 | ND | .1 | UGL | T | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | PCB 1248 | ND | .1 | UGL | T | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | PCB 1254 | ND | .1 | UGL | T | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | PCB 1260 | ND | .1 | UGL | T | |
| WB | JCD | RB41795 | UH21 | 17-APR-95 | Toxaphene | ND | .5 | UGL | T | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0946 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Aldrin | LT | .0638 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | delta-Benzene hexachloride | LT | .0488 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Dieldrin | LT | .0321 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Endosulfan I | LT | .00856 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Endosulfan II | LT | .012 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Endosulfan sulfate | LT | .02 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Endrin | LT | .0372 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Endrin | LT | .0697 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | ENDRNK | LT | .0282 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | gamma-Chlordane | LT | .045 | UGL | | J |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Heptachlor | LT | .0631 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Heptachlor epoxide | LT | .006 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING CODES | DATA QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|---|--------------|--------|--------------|-------------------|--------------------|
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Lindane | LT | .0429 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Methoxychlor | LT | .267 | UGL | | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | PCB 1016 | ND | .1 | UGL | T | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | PCB 1221 | ND | .2 | UGL | T | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | PCB 1232 | ND | .1 | UGL | T | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | PCB 1242 | ND | .1 | UGL | T | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | PCB 1248 | ND | .1 | UGL | T | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | PCB 1254 | ND | .1 | UGL | T | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | PCB 1260 | ND | .1 | UGL | T | |
| WB | JCD | RB41895 | UH21 | 18-APR-95 | Toxaphene | ND | .5 | UGL | T | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .0316 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .0848 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .0946 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Aldrin | LT | .0638 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | alpha-Benzene hexachloride | LT | .0434 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | alpha-Chlordane | LT | .0202 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | beta-Benzene hexachloride | LT | .0109 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | delta-Benzene hexachloride | LT | .0488 | UGL | JP | R |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Dieldrin | LT | .0321 | UGL | JP | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Endosulfan I | LT | .00856 | UGL | JP | R |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Endosulfan II | LT | .012 | UGL | JP | R |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Endosulfan sulfate | LT | .02 | UGL | JP | R |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Endrin | LT | .0372 | UGL | JP | R |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Endrin | LT | .0697 | UGL | JP | R |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | ENDRNK | LT | .0282 | UGL | JP | R |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | gamma-Chlordane | LT | .045 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Heptachlor | LT | .0631 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Heptachlor epoxide | LT | .006 | UGL | JP | R |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Lindane | LT | .0429 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Methoxychlor | LT | .267 | UGL | | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | PCB 1016 | ND | .1 | UGL | T | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | PCB 1221 | ND | .2 | UGL | T | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | PCB 1232 | ND | .1 | UGL | T | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | PCB 1242 | ND | .1 | UGL | T | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | PCB 1248 | ND | .1 | UGL | T | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | PCB 1254 | ND | .1 | UGL | T | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | PCB 1260 | ND | .1 | UGL | T | |
| WB | JCE | RB42195 | UH21 | 21-APR-95 | Toxaphene | ND | .5 | UGL | T | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1,1-trichloroethane | LT | .035 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethane | LT | .093 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | 2,2-bis(p-Chlorophenyl)-1,1-dichloroethene | LT | .1 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Aldrin | LT | .07 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | alpha-Benzene hexachloride | LT | .048 | UGL | | |

Results for Field Blanks

(Sorted by Installation, Lot Number, Field Sample Number and Analyte)

| INST CODE | LOT NUMBER | FIELD SAMPLE ID | METHOD | SAMPLE DATE | ANALYTE | MEAS BOOL | RESULT | UNIT MEAS | FLAGGING DATA CODES | QUALIFIERS |
|--------------|---------------|--------------------|--------|----------------|----------------------------|--------------|--------|--------------|------------------------|------------|
| WB | JCF | RB42495 | UH21 | 24-APR-95 | alpha-Chlordane | LT | .022 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | beta-Benzene hexachloride | LT | .012 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | delta-Benzene hexachloride | LT | .054 | UGL | JP | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Dieldrin | LT | .035 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Endosulfan I | LT | .0094 | UGL | JP | R |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Endosulfan II | LT | .013 | UGL | JP | R |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Endosulfan sulfate | LT | .022 | UGL | JP | R |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Endrin | LT | .041 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Endrin | LT | .077 | UGL | JP | R |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | ENDRNK | LT | .031 | UGL | JP | R |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | gamma-Chlordane | LT | .05 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Heptachlor | LT | .069 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Heptachlor epoxide | LT | .066 | UGL | JP | R |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Lindane | LT | .047 | UGL | | J |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Methoxychlor | LT | .29 | UGL | | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | PCB 1016 | ND | .11 | UGL | T | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | PCB 1221 | ND | .22 | UGL | T | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | PCB 1232 | ND | .11 | UGL | T | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | PCB 1242 | ND | .11 | UGL | T | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | PCB 1248 | ND | .11 | UGL | T | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | PCB 1254 | ND | .11 | UGL | T | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | PCB 1260 | ND | .11 | UGL | T | |
| WB | JCF | RB42495 | UH21 | 24-APR-95 | Toxaphene | ND | .55 | UGL | T | |
| WB | JDC | FB3195 | SB07 | 01-MAR-95 | Mercury | LT | .74 | UGL | | |
| WB | JDC | FB3295 | SB07 | 02-MAR-95 | Mercury | LT | .74 | UGL | | |
| WB | JDC | FB3395 | SB07 | 03-MAR-95 | Mercury | LT | .74 | UGL | | |
| WB | JDE | RB41795 | SB07 | 17-APR-95 | Mercury | LT | .74 | UGL | | |
| WB | JDE | RB41895 | SB07 | 18-APR-95 | Mercury | LT | .74 | UGL | | |
| WB | JDE | RB42195 | SB07 | 21-APR-95 | Mercury | LT | .74 | UGL | | |
| WB | JDE | RB42495 | SB07 | 24-APR-95 | Mercury | LT | .74 | UGL | | |

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